

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041922\
 Data File : VX028155.D
 Acq On : 19 Apr 2022 13:05
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Apr 19 13:32:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 19 13:04:45 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 04/20/2022
 Supervised By : Mahesh Dadoda 04/21/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	341388	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	523755	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	523644	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	303760	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	589855	127.214	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 254.420%#			
35) Dibromofluoromethane	5.391	113	553762	159.080	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 318.160%#			
50) Toluene-d8	8.653	98	2043042	156.900	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 313.800%#			
62) 4-Bromofluorobenzene	11.085	95	821384	168.149	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 336.300%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	296545	94.582	ug/l	100
3) Chloromethane	1.288	50	319077	91.485	ug/l	100
4) Vinyl Chloride	1.374	62	457716	107.717	ug/l	98
5) Bromomethane	1.599	94	398659	85.366	ug/l	98
6) Chloroethane	1.666	64	348746	95.402	ug/l	99
7) Trichlorofluoromethane	1.880	101	951071	112.170	ug/l	98
8) Diethyl Ether	2.136	74	321699	99.910	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.325	101	436388	132.047	ug/l	97
10) Methyl Iodide	2.447	142	624775	160.819	ug/l	95
11) Tert butyl alcohol	2.995	59	616623	594.850	ug/l	100
12) 1,1-Dichloroethene	2.318	96	411875	127.306	ug/l	92
13) Acrolein	2.239	56	363425	578.400	ug/l	98
14) Allyl chloride	2.660	41	641747	111.354	ug/l	92
15) Acrylonitrile	3.068	53	1262686	582.010	ug/l	99
16) Acetone	2.379	43	1006297	543.239	ug/l	95
17) Carbon Disulfide	2.507	76	1105986	130.038	ug/l	99
18) Methyl Acetate	2.703	43	550121	110.596	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	1620614	129.947	ug/l	97
20) Methylene Chloride	2.788	84	502534	134.219	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	536041	134.061	ug/l	89
22) Diisopropyl ether	3.763	45	1342260	108.407	ug/l	91
23) Vinyl Acetate	3.727	43	5904705	538.884	ug/l	95
24) 1,1-Dichloroethane	3.611	63	844795	125.378	ug/l	98
25) 2-Butanone	4.562	43	1736001	536.363	ug/l	96
26) 2,2-Dichloropropane	4.477	77	829613	130.826	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	615719	135.895	ug/l	91
28) Bromochloromethane	4.903	49	340398	116.922	ug/l	# 80
29) Tetrahydrofuran	5.007	42	1112133	527.989	ug/l	98
30) Chloroform	5.098	83	981883	128.573	ug/l	100
31) Cyclohexane	5.470	56	739972	119.149	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	943791	136.022	ug/l	97
36) 1,1-Dichloropropene	5.696	75	716626	138.612	ug/l	96
37) Ethyl Acetate	4.714	43	682656	115.498	ug/l	99
38) Carbon Tetrachloride	5.678	117	872152	156.053	ug/l	100
39) Methylcyclohexane	7.385	83	901425	146.176	ug/l	94
40) Benzene	6.043	78	2040785	135.468	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041922\
 Data File : VX028155.D
 Acq On : 19 Apr 2022 13:05
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Apr 19 13:32:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 19 13:04:45 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/20/2022
 Supervised By : Mahesh Dadoda 04/21/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	358907	114.076	ug/l	98
42) 1,2-Dichloroethane	6.092	62	722746	127.622	ug/l	99
43) Isopropyl Acetate	6.342	43	1125158	114.580	ug/l	98
44) Trichloroethene	7.129	130	627903	155.187	ug/l	97
45) 1,2-Dichloropropane	7.433	63	488728	129.524	ug/l	98
46) Dibromomethane	7.580	93	399673	142.457	ug/l	98
47) Bromodichloromethane	7.824	83	786593	144.913	ug/l	100
48) Methyl methacrylate	7.696	41	518781	115.105	ug/l	94
49) 1,4-Dioxane	7.665	88	283513	2767.082	ug/l	91
51) 4-Methyl-2-Pentanone	8.580	43	3504623	560.637	ug/l	100
52) Toluene	8.720	92	1447835	143.271	ug/l	96
53) t-1,3-Dichloropropene	8.982	75	894521	147.004	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	905512	142.749	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	606918	148.026	ug/l	98
56) Ethyl methacrylate	9.122	69	912903	143.098	ug/l #	96
57) 1,3-Dichloropropane	9.311	76	926802	137.158	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.250	63	2044958	704.968	ug/l	89
59) 2-Hexanone	9.439	43	2738031	562.410	ug/l	98
60) Dibromochloromethane	9.525	129	738687	167.375	ug/l	96
61) 1,2-Dibromoethane	9.610	107	679313	151.044	ug/l	98
64) Tetrachloroethene	9.275	164	606029	146.662	ug/l	98
65) Chlorobenzene	10.079	112	1679317	147.541	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	668274	158.575	ug/l	99
67) Ethyl Benzene	10.195	91	2776668	139.401	ug/l	95
68) m/p-Xylenes	10.305	106	2346597	281.109	ug/l	89
69) o-Xylene	10.646	106	1175115	144.604	ug/l	91
70) Styrene	10.658	104	1991934	142.748	ug/l	99
71) Bromoform	10.805	173	609341	174.465	ug/l #	99
73) Isopropylbenzene	10.963	105	2990194	140.293	ug/l	96
74) N-amyl acetate	10.847	43	1030148	116.389	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	928553	126.002	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	811284m	123.259	ug/l	
77) Bromobenzene	11.201	156	835662	159.128	ug/l	86
78) n-propylbenzene	11.305	91	3340643	135.527	ug/l	92
79) 2-Chlorotoluene	11.366	91	2021774	134.601	ug/l	93
80) 1,3,5-Trimethylbenzene	11.457	105	2612908	141.772	ug/l	94
81) trans-1,4-Dichloro-2-b...	11.024	75	331428	143.700	ug/l	96
82) 4-Chlorotoluene	11.457	91	2369976	134.572	ug/l	92
83) tert-Butylbenzene	11.719	119	2671784	148.752	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	2594584	143.488	ug/l	95
85) sec-Butylbenzene	11.896	105	3237047	142.335	ug/l	94
86) p-Isopropyltoluene	12.012	119	2874133	148.321	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	1559989	152.398	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	1600216	148.936	ug/l	99
89) n-Butylbenzene	12.335	91	2352434	143.091	ug/l	97
90) Hexachloroethane	12.542	117	521717	161.543	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	1502601	147.056	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	225823	139.090	ug/l	85
93) 1,2,4-Trichlorobenzene	13.591	180	1005944	175.777	ug/l	99
94) Hexachlorobutadiene	13.725	225	420176	179.006	ug/l	93
95) Naphthalene	13.780	128	3198513	160.558	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	983863	173.084	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041922\
Data File : VX028155.D
Acq On : 19 Apr 2022 13:05
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

Reviewed By : John Carlone 04/20/2022
Supervised By : Mahesh Dadoda 04/21/2022

Quant Time: Apr 19 13:32:04 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 19 13:04:45 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Reviewed By :John Carlone 04/20/2022
Supervised By :Mahesh Dadoda 04/21/2022

Page: 4