

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042922\
 Data File : VX028441.D
 Acq On : 29 Apr 2022 22:24
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 30 09:19:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 19 13:38:04 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/02/2022
 Supervised By : Mahesh Dadoda 05/02/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	330316	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	525112	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	493391	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	266804	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	201726	46.837	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	93.680%		
35) Dibromofluoromethane	5.391	113	183980	49.960	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.920%		
50) Toluene-d8	8.653	98	672606	47.554	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	95.100%		
62) 4-Bromofluorobenzene	11.085	95	259330	47.952	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	95.900%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	132578	62.177	ug/l	100
3) Chloromethane	1.288	50	129060	60.547	ug/l	100
4) Vinyl Chloride	1.374	62	159661	47.946	ug/l	100
5) Bromomethane	1.599	94	155592	52.921	ug/l	98
6) Chloroethane	1.679	64	114867	48.048	ug/l	100
7) Trichlorofluoromethane	1.880	101	295652	40.263	ug/l	96
8) Diethyl Ether	2.136	74	111531	50.590	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.325	101	152013	56.830	ug/l	98
10) Methyl Iodide	2.453	142	194003	52.716	ug/l	96
11) Tert butyl alcohol	2.971	59	214502	260.479	ug/l	98
12) 1,1-Dichloroethene	2.319	96	140600	55.386	ug/l	95
13) Acrolein	2.233	56	125319	237.419	ug/l	98
14) Allyl chloride	2.666	41	201072	47.204	ug/l	93
15) Acrylonitrile	3.062	53	462677	263.610	ug/l	100
16) Acetone	2.380	43	383986	292.134	ug/l	95
17) Carbon Disulfide	2.508	76	276403	40.432	ug/l	98
18) Methyl Acetate	2.703	43	200319	52.311	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	543227	51.317	ug/l	98
20) Methylene Chloride	2.788	84	167672	52.469	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	163794	47.444	ug/l	91
22) Diisopropyl ether	3.763	45	469778	48.421	ug/l	92
23) Vinyl Acetate	3.721	43	2056319	242.605	ug/l	98
24) 1,1-Dichloroethane	3.611	63	283845	49.549	ug/l	99
25) 2-Butanone	4.556	43	637177	249.802	ug/l	97
26) 2,2-Dichloropropane	4.471	77	214102	38.279	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	203848	49.519	ug/l	91
28) Bromochloromethane	4.897	49	110486	44.954	ug/l	88
29) Tetrahydrofuran	5.007	42	402443	241.973	ug/l	99
30) Chloroform	5.099	83	330272	48.007	ug/l	99
31) Cyclohexane	5.471	56	230853	43.995	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	290360	46.609	ug/l	98
36) 1,1-Dichloropropene	5.696	75	225651	46.976	ug/l	98
37) Ethyl Acetate	4.715	43	240290	49.299	ug/l	99
38) Carbon Tetrachloride	5.678	117	253935	46.828	ug/l	96
39) Methylcyclohexane	7.379	83	253781	41.872	ug/l	96
40) Benzene	6.037	78	687319	48.881	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042922\
 Data File : VX028441.D
 Acq On : 29 Apr 2022 22:24
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/02/2022
 Supervised By : Mahesh Dadoda 05/02/2022

Quant Time: Apr 30 09:19:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 19 13:38:04 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	123950	49.290	ug/l	98
42) 1,2-Dichloroethane	6.086	62	243731	46.696	ug/l	99
43) Isopropyl Acetate	6.342	43	378633	47.731	ug/l	98
44) Trichloroethene	7.129	130	205089	50.297	ug/l	97
45) 1,2-Dichloropropane	7.434	63	168407	48.930	ug/l	99
46) Dibromomethane	7.580	93	131812	48.821	ug/l	99
47) Bromodichloromethane	7.824	83	247609	47.717	ug/l	99
48) Methyl methacrylate	7.696	41	180748	49.629	ug/l	93
49) 1,4-Dioxane	7.665	88	99388	1020.097	ug/l	92
51) 4-Methyl-2-Pentanone	8.574	43	1275929	250.650	ug/l	98
52) Toluene	8.720	92	464749	47.575	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	258179	46.815	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	278550	47.036	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	202003	50.894	ug/l	99
56) Ethyl methacrylate	9.116	69	300037	52.149	ug/l #	95
57) 1,3-Dichloropropane	9.311	76	319052	49.803	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	694638	257.322	ug/l	93
59) 2-Hexanone	9.433	43	998826	253.305	ug/l	97
60) Dibromochloromethane	9.525	129	209323	48.376	ug/l	97
61) 1,2-Dibromoethane	9.610	107	215712	49.539	ug/l	98
64) Tetrachloroethene	9.275	164	194090	50.362	ug/l	98
65) Chlorobenzene	10.079	112	533225	50.689	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	205025	52.320	ug/l	98
67) Ethyl Benzene	10.195	91	917265	52.001	ug/l	98
68) m/p-Xylenes	10.305	106	732623	102.050	ug/l	96
69) o-Xylene	10.646	106	367687	51.370	ug/l	95
70) Styrene	10.659	104	615740	53.100	ug/l	98
71) Bromoform	10.805	173	160129	44.691	ug/l #	99
73) Isopropylbenzene	10.963	105	946363	51.606	ug/l	99
74) N-amyl acetate	10.848	43	343628	54.214	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	323070	54.290	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	283030m	53.901	ug/l	
77) Bromobenzene	11.201	156	249692	52.280	ug/l	90
78) n-propylbenzene	11.305	91	1059058	52.081	ug/l	97
79) 2-Chlorotoluene	11.366	91	642864	50.850	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	785271	50.446	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	84230	47.670	ug/l	91
82) 4-Chlorotoluene	11.457	91	732962	50.331	ug/l	94
83) tert-Butylbenzene	11.719	119	810085	50.963	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	794919	51.371	ug/l	97
85) sec-Butylbenzene	11.890	105	955734	49.837	ug/l	98
86) p-Isopropyltoluene	12.012	119	824310	49.825	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	470352	52.412	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	474683	50.377	ug/l	99
89) n-Butylbenzene	12.335	91	665792	49.010	ug/l	98
90) Hexachloroethane	12.542	117	134513	45.361	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	471479	52.887	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	70734	53.447	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	286283	53.992	ug/l	100
94) Hexachlorobutadiene	13.725	225	115557	48.840	ug/l	95
95) Naphthalene	13.780	128	1021453	57.829	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	288488	55.429	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042922\
Data File : VX028441.D
Acq On : 29 Apr 2022 22:24
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By : John Carlone 05/02/2022
Supervised By : Mahesh Dadoda 05/02/2022

Quant Time: Apr 30 09:19:35 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 19 13:38:04 2022
Response via : Initial Calibration

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

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

