

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101922\
 Data File : VX032205.D
 Acq On : 19 Oct 2022 14:04
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX101922

Quant Time: Oct 19 16:55:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101922W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 19 16:51:09 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/20/2022
 Supervised By : Mahesh Dadoda 10/20/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	125938	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	194216	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	176655	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	94683	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	82292	50.229	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.460%			
35) Dibromofluoromethane	5.385	113	68499	50.684	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.360%			
50) Toluene-d8	8.647	98	250002	51.389	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.780%			
62) 4-Bromofluorobenzene	11.079	95	94608	53.107	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.220%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	63207	54.859	ug/l	100
3) Chloromethane	1.294	50	58622	52.643	ug/l	96
4) Vinyl Chloride	1.374	62	62855	50.653	ug/l	99
5) Bromomethane	1.611	94	67260	51.769	ug/l	100
6) Chloroethane	1.684	64	48433	43.909	ug/l	100
7) Trichlorofluoromethane	1.886	101	116696	52.900	ug/l	99
8) Diethyl Ether	2.136	74	39244	52.350	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	63376	52.992	ug/l	99
10) Methyl Iodide	2.453	142	91397	52.883	ug/l	99
11) Tert butyl alcohol	2.977	59	53107	228.154	ug/l	100
12) 1,1-Dichloroethene	2.319	96	57831	51.447	ug/l	98
13) Acrolein	2.233	56	50362	252.519	ug/l	100
14) Allyl chloride	2.666	41	92569	52.432	ug/l	98
15) Acrylonitrile	3.062	53	149873	243.915	ug/l	98
16) Acetone	2.379	43	138947	261.341	ug/l	98
17) Carbon Disulfide	2.514	76	138485	52.623	ug/l	99
18) Methyl Acetate	2.703	43	90222	49.984	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	201921	52.129	ug/l	98
20) Methylene Chloride	2.788	84	65224	47.777	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	63899	52.192	ug/l	98
22) Diisopropyl ether	3.763	45	201742	52.182	ug/l	88
23) Vinyl Acetate	3.721	43	822391	266.145	ug/l	100
24) 1,1-Dichloroethane	3.611	63	115411	51.666	ug/l	99
25) 2-Butanone	4.556	43	209330	252.180	ug/l	100
26) 2,2-Dichloropropane	4.477	77	93870	58.326	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	75690	52.801	ug/l	99
28) Bromochloromethane	4.897	49	46818	50.801	ug/l	98
29) Tetrahydrofuran	5.007	42	132686	247.491	ug/l	99
30) Chloroform	5.099	83	127516	52.447	ug/l	98
31) Cyclohexane	5.476	56	101130	53.995	ug/l	100
32) 1,1,1-Trichloroethane	5.385	97	112442	54.233	ug/l	100
36) 1,1-Dichloropropene	5.696	75	91363	52.553	ug/l	99
37) Ethyl Acetate	4.714	43	86894	51.049	ug/l	98
38) Carbon Tetrachloride	5.678	117	99899	54.433	ug/l	96
39) Methylcyclohexane	7.385	83	116486	56.089	ug/l	99
40) Benzene	6.037	78	262421	52.081	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101922\
 Data File : VX032205.D
 Acq On : 19 Oct 2022 14:04
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX101922

Quant Time: Oct 19 16:55:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101922W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 19 16:51:09 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/20/2022
 Supervised By : Mahesh Dadoda 10/20/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	46367	51.658	ug/l	97
42) 1,2-Dichloroethane	6.086	62	102911	53.322	ug/l	100
43) Isopropyl Acetate	6.336	43	143512	53.718	ug/l	99
44) Trichloroethene	7.129	130	73152	52.721	ug/l	99
45) 1,2-Dichloropropane	7.433	63	68159	53.623	ug/l	99
46) Dibromomethane	7.580	93	50659	53.436	ug/l	99
47) Bromodichloromethane	7.824	83	95568	54.570	ug/l	100
48) Methyl methacrylate	7.690	41	71050	53.326	ug/l	100
49) 1,4-Dioxane	7.683	88	25309	946.504	ug/l	99
51) 4-Methyl-2-Pentanone	8.573	43	437859	261.458	ug/l	100
52) Toluene	8.720	92	174043	53.322	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	101784	51.519	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	108210	55.452	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	69688	52.557	ug/l	99
56) Ethyl methacrylate	9.116	69	104318	54.626	ug/l	99
57) 1,3-Dichloropropane	9.311	76	113683	52.931	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	229588	262.293	ug/l	99
59) 2-Hexanone	9.433	43	331379	265.191	ug/l	100
60) Dibromochloromethane	9.525	129	75486	55.547	ug/l	99
61) 1,2-Dibromoethane	9.610	107	75626	53.802	ug/l	98
64) Tetrachloroethene	9.275	164	61963	53.118	ug/l	99
65) Chlorobenzene	10.079	112	187982	51.902	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	71559	55.216	ug/l	100
67) Ethyl Benzene	10.195	91	345642	53.902	ug/l	100
68) m/p-Xylenes	10.305	106	267144	105.492	ug/l	99
69) o-Xylene	10.640	106	131229	54.093	ug/l	100
70) Styrene	10.658	104	220090	53.798	ug/l	100
71) Bromoform	10.799	173	53649	48.845	ug/l #	99
73) Isopropylbenzene	10.963	105	353612	52.340	ug/l	99
74) N-amyl acetate	10.841	43	134317	53.814	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	108047	49.745	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	94802m	50.532	ug/l	
77) Bromobenzene	11.201	156	84889	51.261	ug/l	98
78) n-propylbenzene	11.305	91	415604	53.723	ug/l	100
79) 2-Chlorotoluene	11.366	91	243098	52.140	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	307399	52.677	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	29064	48.751	ug/l	97
82) 4-Chlorotoluene	11.457	91	288003	53.057	ug/l	99
83) tert-Butylbenzene	11.713	119	304236	52.106	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	304718	53.708	ug/l	99
85) sec-Butylbenzene	11.890	105	382283	54.177	ug/l	100
86) p-Isopropyltoluene	12.012	119	326076	54.310	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	164990	51.764	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	168615	51.499	ug/l	100
89) n-Butylbenzene	12.335	91	294193	55.632	ug/l	99
90) Hexachloroethane	12.542	117	50650	54.366	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	162291	51.866	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	22523	51.492	ug/l	99
93) 1,2,4-Trichlorobenzene	13.591	180	109396	53.704	ug/l	99
94) Hexachlorobutadiene	13.725	225	46392	52.474	ug/l	99
95) Naphthalene	13.774	128	344251	52.766	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	106946	52.198	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101922\
Data File : VX032205.D
Acq On : 19 Oct 2022 14:04
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX101922

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022

Quant Time: Oct 19 16:55:53 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101922W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 19 16:51:09 2022
Response via : Initial Calibration

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

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

