

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102522\
 Data File : VX032378.D
 Acq On : 25 Oct 2022 20:40
 Operator : JC/MD
 Sample : VX1025MBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1025MBS01

Quant Time: Oct 27 14:19:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101922W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 22 04:56:40 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/27/2022
 Supervised By : Mahesh Dadoda 10/31/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	122882	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	197980	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	176802	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	88194	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	81505	50.986	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.980%			
35) Dibromofluoromethane	5.385	113	66452	48.235	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.460%			
50) Toluene-d8	8.653	98	233040	46.991	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 93.980%			
62) 4-Bromofluorobenzene	11.079	95	88095	48.511	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.020%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	21120	18.787	ug/l	100
3) Chloromethane	1.294	50	19528	16.678	ug/l	96
4) Vinyl Chloride	1.373	62	22846	18.869	ug/l	97
5) Bromomethane	1.611	94	18352	14.477	ug/l	100
6) Chloroethane	1.684	64	15163	14.330	ug/l	99
7) Trichlorofluoromethane	1.885	101	43850	20.372	ug/l	98
8) Diethyl Ether	2.135	74	14639	20.014	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	23323	19.987	ug/l	98
10) Methyl Iodide	2.452	142	19428	11.521	ug/l	100
11) Tert butyl alcohol	2.965	59	23566	89.887	ug/l	97
12) 1,1-Dichloroethene	2.318	96	20926	19.079	ug/l	90
13) Acrolein	2.233	56	16507	84.826	ug/l	99
14) Allyl chloride	2.666	41	33965	19.717	ug/l	98
15) Acrylonitrile	3.062	53	61717	102.941	ug/l	98
16) Acetone	2.379	43	56016	107.979	ug/l	98
17) Carbon Disulfide	2.513	76	41253	16.066	ug/l	97
18) Methyl Acetate	2.702	43	38712	21.980	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	79057	20.917	ug/l	98
20) Methylene Chloride	2.788	84	26088	19.585	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	22760	19.052	ug/l	94
22) Diisopropyl ether	3.763	45	77230	20.473	ug/l	91
23) Vinyl Acetate	3.720	43	299576	99.361	ug/l	99
24) 1,1-Dichloroethane	3.611	63	45343	20.804	ug/l	97
25) 2-Butanone	4.556	43	85306	105.324	ug/l	99
26) 2,2-Dichloropropane	4.476	77	29378	18.708	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	28508	20.382	ug/l	99
28) Bromochloromethane	4.903	49	17387	19.335	ug/l	97
29) Tetrahydrofuran	5.007	42	53822	102.887	ug/l	98
30) Chloroform	5.092	83	49968	21.063	ug/l	95
31) Cyclohexane	5.470	56	34378	18.812	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	42279	20.899	ug/l	99
36) 1,1-Dichloropropene	5.696	75	33296	18.788	ug/l	99
37) Ethyl Acetate	4.714	43	35106	20.232	ug/l	98
38) Carbon Tetrachloride	5.684	117	36709	19.622	ug/l	99
39) Methylcyclohexane	7.384	83	39256	18.543	ug/l	99
40) Benzene	6.043	78	98536	19.184	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	18415	20.126	ug/l	95
42) 1,2-Dichloroethane	6.092	62	40588	20.630	ug/l	98
43) Isopropyl Acetate	6.342	43	54497	20.011	ug/l	99
44) Trichloroethene	7.128	130	27037	19.115	ug/l	98
45) 1,2-Dichloropropane	7.433	63	26163	20.192	ug/l	96
46) Dibromomethane	7.586	93	19515	20.193	ug/l	98
47) Bromodichloromethane	7.823	83	36841	20.637	ug/l	97
48) Methyl methacrylate	7.695	41	27117	19.966	ug/l	99
49) 1,4-Dioxane	7.671	88	11037	404.913	ug/l	98
51) 4-Methyl-2-Pentanone	8.573	43	178159	104.361	ug/l	99
52) Toluene	8.720	92	63938	19.216	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	34447	18.319	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	37854	19.030	ug/l	97
55) 1,1,2-Trichloroethane	9.152	97	27110	20.057	ug/l	98
56) Ethyl methacrylate	9.116	69	38439	19.746	ug/l	99
57) 1,3-Dichloropropane	9.311	76	43888	20.046	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	82092	92.003	ug/l	99
59) 2-Hexanone	9.433	43	131059	102.888	ug/l	99
60) Dibromochloromethane	9.524	129	28027	20.232	ug/l	100
61) 1,2-Dibromoethane	9.610	107	28103	19.613	ug/l	99
64) Tetrachloroethene	9.274	164	22119	18.946	ug/l	98
65) Chlorobenzene	10.079	112	71035	19.596	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.164	131	26844	20.696	ug/l	99
67) Ethyl Benzene	10.195	91	125619	19.574	ug/l	100
68) m/p-Xylenes	10.305	106	97327	38.401	ug/l	98
69) o-Xylene	10.640	106	48485	19.969	ug/l	98
70) Styrene	10.658	104	79940	19.524	ug/l	99
71) Bromoform	10.799	173	19745	19.316	ug/l #	97
73) Isopropylbenzene	10.963	105	127853	20.317	ug/l	99
74) N-amyl acetate	10.841	43	48410	20.822	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	42819	21.164	ug/l	99
76) 1,2,3-Trichloropropane	11.237	75	36229m	20.732	ug/l	
77) Bromobenzene	11.201	156	31576	20.470	ug/l	100
78) n-propylbenzene	11.305	91	147497	20.469	ug/l	100
79) 2-Chlorotoluene	11.365	91	89476	20.603	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	109573	20.158	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	8857	17.818	ug/l	85
82) 4-Chlorotoluene	11.457	91	102328	20.238	ug/l	99
83) tert-Butylbenzene	11.713	119	110962	20.403	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	109824	20.781	ug/l	99
85) sec-Butylbenzene	11.890	105	133538	20.317	ug/l	99
86) p-Isopropyltoluene	12.012	119	112545	20.124	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	59268	19.963	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	59866	19.630	ug/l	99
89) n-Butylbenzene	12.335	91	96260	19.542	ug/l	99
90) Hexachloroethane	12.542	117	17258	19.887	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	60367	20.712	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.944	75	8540	22.094	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	37857	19.952	ug/l	98
94) Hexachlorobutadiene	13.725	225	15435	18.743	ug/l	100
95) Naphthalene	13.774	128	129751	21.351	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	37991	19.907	ug/l	99

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

