

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040323\
 Data File : VX034921.D
 Acq On : 03 Apr 2023 10:55
 Operator : JC/MD
 Sample : VX0403WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0403WBSD01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/04/2023
 Supervised By :Mahesh Dadoda 04/04/2023

Quant Time: Apr 03 21:33:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 01 01:50:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	308101	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	510111	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	456343	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	218783	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	243514	51.680	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.360%			
35) Dibromofluoromethane	5.385	113	174627	51.757	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.520%			
50) Toluene-d8	8.647	98	634942	50.985	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.960%			
62) 4-Bromofluorobenzene	11.079	95	253053	52.509	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.020%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	65899	21.445	ug/l	99
3) Chloromethane	1.294	50	73631	19.137	ug/l	100
4) Vinyl Chloride	1.374	62	72646	19.069	ug/l	98
5) Bromomethane	1.618	94	44232	17.868	ug/l	98
6) Chloroethane	1.691	64	44024	17.762	ug/l	98
7) Trichlorofluoromethane	1.892	101	106385	17.371	ug/l	98
8) Diethyl Ether	2.130	74	42528	19.697	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	63075	19.705	ug/l	98
10) Methyl Iodide	2.453	142	65963	16.547	ug/l	91
11) Tert butyl alcohol	3.001	59	73253	88.606	ug/l	99
12) 1,1-Dichloroethene	2.319	96	58930	18.631	ug/l	91
13) Acrolein	2.239	56	88734	104.265	ug/l	100
14) Allyl chloride	2.666	41	117130	18.902	ug/l	95
15) Acrylonitrile	3.062	53	181365	97.460	ug/l	99
16) Acetone	2.386	43	191350	99.966	ug/l	96
17) Carbon Disulfide	2.514	76	136168	17.189	ug/l	100
18) Methyl Acetate	2.703	43	135815	19.970	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	231354	19.756	ug/l	97
20) Methylene Chloride	2.788	84	70178	18.579	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	64251	18.626	ug/l	97
22) Diisopropyl ether	3.757	45	249434	19.949	ug/l	96
23) Vinyl Acetate	3.721	43	898488	100.759	ug/l	97
24) 1,1-Dichloroethane	3.611	63	128781	19.143	ug/l	97
25) 2-Butanone	4.562	43	273018	98.053	ug/l	96
26) 2,2-Dichloropropane	4.471	77	103007	18.619	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	76927	18.820	ug/l	96
28) Bromochloromethane	4.891	49	65721	19.971	ug/l	98
29) Tetrahydrofuran	5.007	42	168612	96.664	ug/l	98
30) Chloroform	5.093	83	133548	19.545	ug/l	98
31) Cyclohexane	5.471	56	113515	19.785	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	115345	19.782	ug/l	99
36) 1,1-Dichloropropene	5.690	75	95810	19.167	ug/l	100
37) Ethyl Acetate	4.708	43	106785	20.431	ug/l	99
38) Carbon Tetrachloride	5.678	117	96071	20.385	ug/l	98
39) Methylcyclohexane	7.379	83	105018	19.785	ug/l	94
40) Benzene	6.038	78	279379	19.470	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	57257	20.143	ug/l	98
42) 1,2-Dichloroethane	6.086	62	116981	20.506	ug/l	97
43) Isopropyl Acetate	6.336	43	173597	19.852	ug/l	99
44) Trichloroethene	7.123	130	69826	19.063	ug/l	95
45) 1,2-Dichloropropane	7.428	63	72828	19.477	ug/l	99
46) Dibromomethane	7.580	93	49341	19.179	ug/l	98
47) Bromodichloromethane	7.818	83	97146	20.442	ug/l	97
48) Methyl methacrylate	7.690	41	88718	20.659	ug/l	97
49) 1,4-Dioxane	7.708	88	34991	395.386	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	529770	102.367	ug/l	98
52) Toluene	8.720	92	175669	18.776	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	102874	20.123	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	111577	19.943	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	70664	19.956	ug/l	97
56) Ethyl methacrylate	9.116	69	110978	20.003	ug/l	97
57) 1,3-Dichloropropane	9.305	76	126203	20.125	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	283276	100.279	ug/l	99
59) 2-Hexanone	9.427	43	400603	102.343	ug/l	98
60) Dibromochloromethane	9.519	129	68697	20.366	ug/l	100
61) 1,2-Dibromoethane	9.610	107	74581	20.255	ug/l	99
64) Tetrachloroethene	9.275	164	61649	18.877	ug/l	97
65) Chlorobenzene	10.079	112	186849	19.679	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	66803	20.461	ug/l	98
67) Ethyl Benzene	10.195	91	338712	19.692	ug/l	97
68) m/p-Xylenes	10.299	106	256906	39.101	ug/l	98
69) o-Xylene	10.640	106	126123	19.595	ug/l	97
70) Styrene	10.653	104	207027	20.149	ug/l	99
71) Bromoform	10.799	173	45431	20.459	ug/l	99
73) Isopropylbenzene	10.963	105	330974	20.652	ug/l	97
74) N-amyl acetate	10.842	43	148170	20.564	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	105890	20.160	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	92929m	21.080	ug/l	
77) Bromobenzene	11.195	156	77910	19.620	ug/l	100
78) n-propylbenzene	11.305	91	378370	20.438	ug/l	99
79) 2-Chlorotoluene	11.366	91	238736	20.424	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	277083	20.679	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	26213	17.821	ug/l #	85
82) 4-Chlorotoluene	11.451	91	273325	20.136	ug/l	98
83) tert-Butylbenzene	11.713	119	259930	20.658	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	276646	20.302	ug/l	98
85) sec-Butylbenzene	11.890	105	316248	20.660	ug/l	99
86) p-Isopropyltoluene	12.006	119	269118	21.084	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	144557	19.989	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	147563	19.537	ug/l	98
89) n-Butylbenzene	12.329	91	227225	20.375	ug/l	99
90) Hexachloroethane	12.536	117	40469	20.463	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	143190	19.770	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	22115	20.171	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	85876	20.964	ug/l	98
94) Hexachlorobutadiene	13.725	225	37448	20.785	ug/l	96
95) Naphthalene	13.774	128	302954	20.814	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	84961	20.567	ug/l	100

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

