

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020723\
 Data File : VX034029.D
 Acq On : 06 Feb 2023 15:56
 Operator : JC/MD
 Sample : VX0207WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0207WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/07/2023
 Supervised By : Mahesh Dadoda 02/07/2023

Quant Time: Feb 07 00:52:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020423W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 03 23:25:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	152854	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	206813	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	184934	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	96577	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	73119	49.620	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.240%		
35) Dibromofluoromethane	5.385	113	65911	50.076	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.160%		
50) Toluene-d8	8.647	98	235857	49.735	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.480%		
62) 4-Bromofluorobenzene	11.079	95	84745	50.035	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.060%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	23980	19.299	ug/l	99
3) Chloromethane	1.294	50	21166	18.051	ug/l	95
4) Vinyl Chloride	1.374	62	22144	18.032	ug/l	100
5) Bromomethane	1.611	94	12448	19.685	ug/l	100
6) Chloroethane	1.691	64	12610	18.570	ug/l	99
7) Trichlorofluoromethane	1.892	101	36996	18.935	ug/l	96
8) Diethyl Ether	2.130	74	12905	19.203	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	25115	19.253	ug/l	93
10) Methyl Iodide	2.453	142	33535	18.146	ug/l	93
11) Tert butyl alcohol	2.959	59	23188	112.316	ug/l #	84
12) 1,1-Dichloroethene	2.319	96	23362	18.667	ug/l	87
13) Acrolein	2.233	56	24401	88.120	ug/l	98
14) Allyl chloride	2.666	41	38857	19.042	ug/l	90
15) Acrylonitrile	3.062	53	66930	101.064	ug/l	98
16) Acetone	2.380	43	61933	99.509	ug/l	95
17) Carbon Disulfide	2.514	76	57041	17.964	ug/l	99
18) Methyl Acetate	2.703	43	40062	20.693	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	77360	20.045	ug/l	94
20) Methylene Chloride	2.788	84	26958	18.933	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	25751	18.891	ug/l	95
22) Diisopropyl ether	3.757	45	78367	19.461	ug/l	97
23) Vinyl Acetate	3.721	43	302743	98.729	ug/l	97
24) 1,1-Dichloroethane	3.611	63	44465	19.157	ug/l	99
25) 2-Butanone	4.550	43	90938	100.343	ug/l	96
26) 2,2-Dichloropropane	4.477	77	32371	19.119	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	30075	19.181	ug/l	95
28) Bromochloromethane	4.897	49	19852	19.453	ug/l	90
29) Tetrahydrofuran	5.007	42	56777	98.503	ug/l	94
30) Chloroform	5.092	83	46177	19.089	ug/l	99
31) Cyclohexane	5.464	56	39923	18.604	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	40483	19.432	ug/l	96
36) 1,1-Dichloropropene	5.690	75	34282	18.997	ug/l	98
37) Ethyl Acetate	4.708	43	33266	19.788	ug/l	98
38) Carbon Tetrachloride	5.678	117	36779	19.109	ug/l	96
39) Methylcyclohexane	7.379	83	43648	19.215	ug/l	95
40) Benzene	6.037	78	102131	19.560	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	19344	20.447	ug/l	96
42) 1,2-Dichloroethane	6.086	62	35982	20.280	ug/l	100
43) Isopropyl Acetate	6.336	43	53943	20.575	ug/l	97
44) Trichloroethene	7.129	130	30917	19.266	ug/l	94
45) 1,2-Dichloropropane	7.427	63	25798	20.011	ug/l	99
46) Dibromomethane	7.580	93	18820	20.377	ug/l	95
47) Bromodichloromethane	7.824	83	34880	19.930	ug/l #	96
48) Methyl methacrylate	7.690	41	27482	20.302	ug/l	95
49) 1,4-Dioxane	7.665	88	13046	500.691	ug/l #	92
51) 4-Methyl-2-Pentanone	8.574	43	169878	103.300	ug/l	98
52) Toluene	8.720	92	66464	19.641	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	35251	20.036	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	39899	19.933	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	27403	20.274	ug/l	97
56) Ethyl methacrylate	9.116	69	38987	20.652	ug/l	96
57) 1,3-Dichloropropane	9.305	76	44711	20.250	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	79738	90.783	ug/l	97
59) 2-Hexanone	9.427	43	127460	105.911	ug/l	97
60) Dibromochloromethane	9.518	129	29934	19.983	ug/l	98
61) 1,2-Dibromoethane	9.610	107	29460	20.270	ug/l	97
64) Tetrachloroethene	9.275	164	29345	19.003	ug/l	97
65) Chlorobenzene	10.079	112	74606	19.533	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	28465	19.722	ug/l	99
67) Ethyl Benzene	10.195	91	125653	19.437	ug/l	100
68) m/p-Xylenes	10.299	106	101513	39.284	ug/l	99
69) o-Xylene	10.640	106	49342	19.882	ug/l	99
70) Styrene	10.652	104	81077	19.835	ug/l	99
71) Bromoform	10.799	173	23497	19.958	ug/l #	100
73) Isopropylbenzene	10.963	105	128753	19.948	ug/l	99
74) N-amyl acetate	10.841	43	43326	20.376	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	38284	19.713	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	30810m	18.579	ug/l	
77) Bromobenzene	11.195	156	35881	20.048	ug/l	96
78) n-propylbenzene	11.305	91	143386	20.092	ug/l	99
79) 2-Chlorotoluene	11.366	91	85153	19.706	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	107406	19.992	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	10034	18.634	ug/l	96
82) 4-Chlorotoluene	11.451	91	98670	20.189	ug/l	99
83) tert-Butylbenzene	11.713	119	109750	19.773	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	107363	20.003	ug/l	100
85) sec-Butylbenzene	11.890	105	132501	19.952	ug/l	99
86) p-Isopropyltoluene	12.006	119	114823	19.714	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	64097	19.517	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	64133	19.235	ug/l	98
89) n-Butylbenzene	12.329	91	90635	19.847	ug/l	99
90) Hexachloroethane	12.536	117	17676	19.277	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	62233	19.430	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	7653	20.040	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	45435	20.077	ug/l	98
94) Hexachlorobutadiene	13.725	225	21060	18.801	ug/l	99
95) Naphthalene	13.774	128	126172	20.292	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	45353	19.951	ug/l	98

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

