

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021223\
 Data File : VX034125.D
 Acq On : 10 Feb 2023 19:21
 Operator : JC/MD
 Sample : 01519-07MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW10-GW-698-700MS

Quant Time: Feb 11 00:38:45 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

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/13/2023
 Supervised By : Mahesh Dadoda 02/13/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	112490	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	154462	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	135658	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	73868	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	59158	54.551	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 109.100%			
35) Dibromofluoromethane	5.385	113	51219	52.102	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.200%			
50) Toluene-d8	8.647	98	177764	50.190	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.380%			
62) 4-Bromofluorobenzene	11.079	95	66693	52.722	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.440%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	47452	51.892	ug/l	98
3) Chloromethane	1.294	50	37893	43.911	ug/l	97
4) Vinyl Chloride	1.374	62	38342	42.426	ug/l	97
5) Bromomethane	1.599	94	24714	53.106	ug/l	96
6) Chloroethane	1.685	64	22605	45.233	ug/l	96
7) Trichlorofluoromethane	1.886	101	74943	52.120	ug/l	97
8) Diethyl Ether	2.130	74	22836	46.174	ug/l	84
9) 1,1,2-Trichlorotrifluo...	2.331	101	45581	47.479	ug/l	91
10) Methyl Iodide	2.453	142	64854	47.684	ug/l	95
11) Tert butyl alcohol	2.946	59	40768	268.324	ug/l #	84
12) 1,1-Dichloroethene	2.319	96	41917	45.510	ug/l	90
13) Acrolein	2.233	56	49210	241.480	ug/l	99
14) Allyl chloride	2.666	41	67639	45.041	ug/l	94
15) Acrylonitrile	3.056	53	119257	244.693	ug/l	99
16) Acetone	2.373	43	103207	225.327	ug/l	95
17) Carbon Disulfide	2.514	76	99364	42.521	ug/l	99
18) Methyl Acetate	2.697	43	68058	47.767	ug/l	93
19) Methyl tert-butyl Ether	3.111	73	145962	51.392	ug/l	97
20) Methylene Chloride	2.788	84	47551	45.378	ug/l	90
21) trans-1,2-Dichloroethene	3.093	96	46322	46.176	ug/l	98
22) Diisopropyl ether	3.757	45	137862	46.520	ug/l	95
23) Vinyl Acetate	3.721	43	514396	227.945	ug/l	96
24) 1,1-Dichloroethane	3.611	63	83799	49.058	ug/l	98
25) 2-Butanone	4.550	43	156945	235.317	ug/l	95
26) 2,2-Dichloropropane	4.477	77	57517	46.160	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	55570	48.158	ug/l	96
28) Bromochloromethane	4.897	49	35717	47.558	ug/l	83
29) Tetrahydrofuran	4.995	42	101211	238.599	ug/l	92
30) Chloroform	5.092	83	90975	51.102	ug/l	96
31) Cyclohexane	5.470	56	70306	44.518	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	81179	52.949	ug/l	97
36) 1,1-Dichloropropene	5.696	75	65478	48.581	ug/l	99
37) Ethyl Acetate	4.708	43	58448	46.551	ug/l	99
38) Carbon Tetrachloride	5.678	117	75881	52.787	ug/l	96
39) Methylcyclohexane	7.379	83	77036	45.407	ug/l	94
40) Benzene	6.037	78	186738	47.884	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	36269	51.329	ug/l	97
42) 1,2-Dichloroethane	6.086	62	72664	54.834	ug/l	99
43) Isopropyl Acetate	6.336	43	95883	48.967	ug/l	97
44) Trichloroethene	7.129	130	58728	48.999	ug/l	98
45) 1,2-Dichloropropane	7.427	63	46466	48.259	ug/l	98
46) Dibromomethane	7.580	93	35438	51.373	ug/l	94
47) Bromodichloromethane	7.824	83	69240	52.971	ug/l	99
48) Methyl methacrylate	7.690	41	51382	50.823	ug/l	94
49) 1,4-Dioxane	7.659	88	19905	1022.847	ug/l #	91
51) 4-Methyl-2-Pentanone	8.574	43	310417	252.735	ug/l	98
52) Toluene	8.720	92	121687	48.149	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	66769	50.813	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	74064	49.542	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	50963	50.484	ug/l	96
56) Ethyl methacrylate	9.116	69	72595	51.488	ug/l	96
57) 1,3-Dichloropropane	9.305	76	81819	49.615	ug/l	100
59) 2-Hexanone	9.427	43	228955	254.725	ug/l	97
60) Dibromochloromethane	9.518	129	60048	53.671	ug/l	98
61) 1,2-Dibromoethane	9.610	107	54828	50.509	ug/l	99
64) Tetrachloroethene	9.275	164	54023	47.692	ug/l	98
65) Chlorobenzene	10.079	112	137782	49.177	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	55949	52.845	ug/l	98
67) Ethyl Benzene	10.195	91	237382	50.058	ug/l	99
68) m/p-Xylenes	10.299	106	187982	99.171	ug/l	99
69) o-Xylene	10.640	106	91177	50.084	ug/l	97
70) Styrene	10.652	104	149607	49.896	ug/l	98
71) Bromoform	10.799	173	48957	56.689	ug/l #	100
73) Isopropylbenzene	10.963	105	243310	49.285	ug/l	99
74) N-amyl acetate	10.841	43	78692	48.386	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	73064	49.188	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	58984m	46.504	ug/l	
77) Bromobenzene	11.195	156	67525	49.327	ug/l	95
78) n-propylbenzene	11.305	91	266534	48.830	ug/l	99
79) 2-Chlorotoluene	11.366	91	160631	48.601	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	205628	50.041	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	19873	48.252	ug/l	97
82) 4-Chlorotoluene	11.451	91	182701	48.875	ug/l	98
83) tert-Butylbenzene	11.713	119	216909	51.093	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	205877	50.149	ug/l	99
85) sec-Butylbenzene	11.890	105	249307	49.082	ug/l	100
86) p-Isopropyltoluene	12.012	119	220051	49.394	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	120383	47.925	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	120798	47.367	ug/l	98
89) n-Butylbenzene	12.335	91	169600	48.557	ug/l	99
90) Hexachloroethane	12.536	117	36341	51.817	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	119239	48.673	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	16224	55.545	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	82449	47.633	ug/l	99
94) Hexachlorobutadiene	13.725	225	39872	46.537	ug/l	98
95) Naphthalene	13.774	128	235786	49.579	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	81707	46.993	ug/l	100

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

