

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012623\
 Data File : VX033906.D
 Acq On : 26 Jan 2023 13:17
 Operator : JC/MD
 Sample : VX0126WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0126WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/27/2023
 Supervised By : Semsettin Yesilyurt 01/27/2023

Quant Time: Jan 27 02:53:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 11 14:48:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	163067	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	226394	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	205725	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	109226	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	77971	45.413	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 90.820%			
35) Dibromofluoromethane	5.385	113	72167	51.336	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.680%			
50) Toluene-d8	8.647	98	255211	49.826	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.660%			
62) 4-Bromofluorobenzene	11.079	95	95154	50.036	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.080%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	20995	16.292	ug/l	99
3) Chloromethane	1.294	50	25543	17.943	ug/l	100
4) Vinyl Chloride	1.374	62	25313	18.324	ug/l	99
5) Bromomethane	1.611	94	13644	17.190	ug/l	98
6) Chloroethane	1.691	64	15779	18.476	ug/l	96
7) Trichlorofluoromethane	1.892	101	40039	17.873	ug/l	95
8) Diethyl Ether	2.130	74	15912	21.693	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	24900	19.729	ug/l	93
10) Methyl Iodide	2.453	142	33239	18.351	ug/l	93
11) Tert butyl alcohol	2.965	59	23209	77.813	ug/l #	83
12) 1,1-Dichloroethene	2.319	96	23445	17.670	ug/l	86
13) Acrolein	2.233	56	34427	125.099	ug/l	100
14) Allyl chloride	2.660	41	41387	16.538	ug/l	89
15) Acrylonitrile	3.062	53	73396	93.501	ug/l	100
16) Acetone	2.380	43	62286	91.993	ug/l #	89
17) Carbon Disulfide	2.514	76	50839	16.411	ug/l	97
18) Methyl Acetate	2.703	43	45840	19.131	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	80225	17.409	ug/l	96
20) Methylene Chloride	2.788	84	28273	17.300	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	26093	16.822	ug/l	94
22) Diisopropyl ether	3.751	45	88164	17.510	ug/l	92
23) Vinyl Acetate	3.721	43	333440	87.969	ug/l	97
24) 1,1-Dichloroethane	3.611	63	47039	17.075	ug/l	99
25) 2-Butanone	4.550	43	98685	87.968	ug/l	95
26) 2,2-Dichloropropane	4.477	77	31735	16.082	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	32093	17.997	ug/l	95
28) Bromochloromethane	4.891	49	25094	19.998	ug/l	93
29) Tetrahydrofuran	5.001	42	64343	91.002	ug/l	97
30) Chloroform	5.086	83	49623	17.587	ug/l	99
31) Cyclohexane	5.471	56	40657	16.092	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	40688	16.890	ug/l	99
36) 1,1-Dichloropropene	5.696	75	34773	16.949	ug/l	100
37) Ethyl Acetate	4.708	43	36825	16.920	ug/l	97
38) Carbon Tetrachloride	5.672	117	37044	17.433	ug/l	97
39) Methylcyclohexane	7.379	83	43187	17.045	ug/l	97
40) Benzene	6.037	78	107474	17.972	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	22444	19.851	ug/l	97
42) 1,2-Dichloroethane	6.086	62	37966	17.915	ug/l	97
43) Isopropyl Acetate	6.336	43	59678	18.425	ug/l	99
44) Trichloroethene	7.123	130	31679	18.944	ug/l	97
45) 1,2-Dichloropropane	7.428	63	27851	18.591	ug/l	94
46) Dibromomethane	7.580	93	19869	18.988	ug/l	96
47) Bromodichloromethane	7.818	83	36872	18.285	ug/l	98
48) Methyl methacrylate	7.690	41	29889	18.319	ug/l	94
49) 1,4-Dioxane	7.677	88	12182	337.542	ug/l #	98
51) 4-Methyl-2-Pentanone	8.568	43	194792	97.925	ug/l	99
52) Toluene	8.714	92	70895	18.358	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	36917	18.306	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	42273	18.707	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	29667	19.407	ug/l	98
56) Ethyl methacrylate	9.116	69	41326	19.209	ug/l	98
57) 1,3-Dichloropropane	9.305	76	48807	19.690	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	102011	96.281	ug/l	99
59) 2-Hexanone	9.427	43	141310	102.065	ug/l	98
60) Dibromochloromethane	9.519	129	31906	20.132	ug/l	100
61) 1,2-Dibromoethane	9.610	107	30855	20.225	ug/l	97
64) Tetrachloroethene	9.275	164	29723	19.596	ug/l	96
65) Chlorobenzene	10.079	112	80134	18.816	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	29722	18.963	ug/l	100
67) Ethyl Benzene	10.195	91	133770	18.294	ug/l	99
68) m/p-Xylenes	10.299	106	106101	37.097	ug/l	100
69) o-Xylene	10.640	106	52827	18.625	ug/l	99
70) Styrene	10.653	104	87995	19.076	ug/l	100
71) Bromoform	10.799	173	24877	18.941	ug/l #	99
73) Isopropylbenzene	10.963	105	138848	17.695	ug/l	99
74) N-amyl acetate	10.842	43	49487	17.254	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	43750	18.713	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	38296m	19.083	ug/l	
77) Bromobenzene	11.195	156	38205	18.252	ug/l	98
78) n-propylbenzene	11.305	91	153791	17.255	ug/l	99
79) 2-Chlorotoluene	11.366	91	92157	17.184	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	115923	17.638	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	10986	17.013	ug/l	98
82) 4-Chlorotoluene	11.457	91	107040	17.489	ug/l	99
83) tert-Butylbenzene	11.713	119	120162	18.413	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	116426	18.727	ug/l	99
85) sec-Butylbenzene	11.890	105	142725	18.285	ug/l	99
86) p-Isopropyltoluene	12.006	119	124883	18.688	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	69763	18.903	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	70246	18.684	ug/l	99
89) n-Butylbenzene	12.335	91	99523	18.204	ug/l	99
90) Hexachloroethane	12.536	117	19261	17.522	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	68837	19.329	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	8358	18.752	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	46675	19.457	ug/l	99
94) Hexachlorobutadiene	13.725	225	22792	19.396	ug/l	97
95) Naphthalene	13.774	128	136663	19.801	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	47829	19.925	ug/l	99

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

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