

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012623\
 Data File : VX033905.D
 Acq On : 26 Jan 2023 12:51
 Operator : JC/MD
 Sample : VX0126WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0126WBS01

Manual Integrations
 APPROVED

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

Quant Time: Jan 27 02:52:29 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	169318	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	239681	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	210205	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	111247	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	80899	45.378	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 90.760%			
35) Dibromofluoromethane	5.385	113	74950	50.360	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.720%			
50) Toluene-d8	8.647	98	265336	48.931	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.860%			
62) 4-Bromofluorobenzene	11.079	95	95894	47.630	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 95.260%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	21379	15.978	ug/l	95
3) Chloromethane	1.294	50	25293	17.111	ug/l	95
4) Vinyl Chloride	1.374	62	27012	18.832	ug/l	100
5) Bromomethane	1.611	94	14730	17.874	ug/l	99
6) Chloroethane	1.691	64	17086	19.268	ug/l	96
7) Trichlorofluoromethane	1.892	101	41261	17.738	ug/l	98
8) Diethyl Ether	2.130	74	16792	22.048	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.331	101	27477	20.922	ug/l	96
10) Methyl Iodide	2.453	142	36551	19.435	ug/l	93
11) Tert butyl alcohol	2.953	59	23659	76.393	ug/l #	83
12) 1,1-Dichloroethene	2.319	96	25934	18.824	ug/l	90
13) Acrolein	2.233	56	36863	129.005	ug/l	100
14) Allyl chloride	2.666	41	47559	18.302	ug/l	89
15) Acrylonitrile	3.062	53	79726	97.816	ug/l	100
16) Acetone	2.373	43	70874	102.062	ug/l	93
17) Carbon Disulfide	2.514	76	56807	17.521	ug/l	98
18) Methyl Acetate	2.703	43	49366	19.842	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	86278	18.031	ug/l	99
20) Methylene Chloride	2.788	84	30933	18.371	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	28376	17.618	ug/l	92
22) Diisopropyl ether	3.757	45	90289	17.270	ug/l	95
23) Vinyl Acetate	3.721	43	339556	86.275	ug/l	97
24) 1,1-Dichloroethane	3.611	63	49410	17.274	ug/l	99
25) 2-Butanone	4.550	43	100333	86.135	ug/l	99
26) 2,2-Dichloropropane	4.477	77	33599	16.398	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	32888	17.761	ug/l	96
28) Bromochloromethane	4.897	49	25751	19.764	ug/l	95
29) Tetrahydrofuran	5.001	42	66291	90.296	ug/l	97
30) Chloroform	5.092	83	51882	17.709	ug/l	98
31) Cyclohexane	5.470	56	42561	16.224	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	42803	17.112	ug/l	99
36) 1,1-Dichloropropene	5.696	75	36732	16.911	ug/l	98
37) Ethyl Acetate	4.708	43	39096	16.976	ug/l	99
38) Carbon Tetrachloride	5.678	117	38716	17.210	ug/l	99
39) Methylcyclohexane	7.379	83	44293	16.513	ug/l	96
40) Benzene	6.037	78	112893	17.831	ug/l	99

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 Quant Title : SW846 8260
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Reviewed By : John Carlone 01/27/2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	22464	18.767	ug/l	98
42) 1,2-Dichloroethane	6.086	62	38763	17.277	ug/l	97
43) Isopropyl Acetate	6.336	43	59821	17.445	ug/l	98
44) Trichloroethene	7.123	130	33299	18.809	ug/l	96
45) 1,2-Dichloropropane	7.427	63	28781	18.147	ug/l	99
46) Dibromomethane	7.580	93	19968	18.025	ug/l	95
47) Bromodichloromethane	7.824	83	38625	18.092	ug/l	96
48) Methyl methacrylate	7.690	41	30775	17.816	ug/l	95
49) 1,4-Dioxane	7.671	88	12194	319.144	ug/l #	100
51) 4-Methyl-2-Pentanone	8.574	43	198620	94.314	ug/l	99
52) Toluene	8.720	92	73052	17.867	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	37736	17.675	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	43243	18.076	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	31090	19.210	ug/l	93
56) Ethyl methacrylate	9.116	69	42070	18.471	ug/l	99
57) 1,3-Dichloropropane	9.305	76	50176	19.120	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	104605	93.256	ug/l	98
59) 2-Hexanone	9.427	43	145022	98.939	ug/l	99
60) Dibromochloromethane	9.518	129	33037	19.690	ug/l	98
61) 1,2-Dibromoethane	9.610	107	31653	19.598	ug/l	99
64) Tetrachloroethene	9.275	164	30210	19.484	ug/l	97
65) Chlorobenzene	10.079	112	81237	18.668	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	31045	19.385	ug/l	100
67) Ethyl Benzene	10.195	91	136420	18.259	ug/l	97
68) m/p-Xylenes	10.299	106	110057	37.660	ug/l	100
69) o-Xylene	10.640	106	53872	18.588	ug/l	100
70) Styrene	10.652	104	89193	18.923	ug/l	100
71) Bromoform	10.799	173	25459	18.971	ug/l #	99
73) Isopropylbenzene	10.963	105	142534	17.855	ug/l	100
74) N-amyl acetate	10.841	43	48867	16.728	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	43573	18.219	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	38960m	19.061	ug/l	
77) Bromobenzene	11.195	156	37893	17.711	ug/l	99
78) n-propylbenzene	11.305	91	155614	17.142	ug/l	99
79) 2-Chlorotoluene	11.366	91	93549	17.116	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	116688	17.431	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	10910	16.589	ug/l	94
82) 4-Chlorotoluene	11.451	91	107489	17.199	ug/l	99
83) tert-Butylbenzene	11.713	119	119665	18.004	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	116181	18.348	ug/l	100
85) sec-Butylbenzene	11.890	105	143324	18.028	ug/l	99
86) p-Isopropyltoluene	12.006	119	125788	18.481	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	70487	18.752	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	69990	18.278	ug/l	99
89) n-Butylbenzene	12.329	91	98961	17.773	ug/l	99
90) Hexachloroethane	12.536	117	19409	17.336	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	69100	19.050	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	8331	18.352	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	46870	19.183	ug/l	99
94) Hexachlorobutadiene	13.725	225	22235	18.578	ug/l	99
95) Naphthalene	13.774	128	135877	19.330	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	47074	19.254	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

