

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060722\
 Data File : VX029279.D
 Acq On : 07 Jun 2022 15:31
 Operator : JC/MD
 Sample : VX0607WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0607WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/08/2022
 Supervised By : Mahesh Dadoda 06/08/2022

Quant Time: Jun 08 01:24:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 01 04:45:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	218596	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	379449	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	353553	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	167274	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	154963	62.866	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 125.740%	
35) Dibromofluoromethane	5.391	113	129303	51.303	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 102.600%	
50) Toluene-d8	8.653	98	463059	50.234	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 100.460%	
62) 4-Bromofluorobenzene	11.079	95	176480	49.527	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 99.060%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	41620	21.898	ug/l	99
3) Chloromethane	1.288	50	44153	22.201	ug/l	99
4) Vinyl Chloride	1.374	62	46319	21.179	ug/l	100
5) Bromomethane	1.612	94	26305	24.009	ug/l	96
6) Chloroethane	1.685	64	31087	18.138	ug/l	95
7) Trichlorofluoromethane	1.886	101	71622	21.071	ug/l	96
8) Diethyl Ether	2.136	74	31950	24.526	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	46076	22.856	ug/l	97
10) Methyl Iodide	2.453	142	47802	21.935	ug/l	98
11) Tert butyl alcohol	2.983	59	91667	160.531	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	40888	20.753	ug/l	94
13) Acrolein	2.239	56	24971	96.515	ug/l	99
14) Allyl chloride	2.666	41	70148	23.707	ug/l	93
15) Acrylonitrile	3.069	53	160312	136.349	ug/l	99
16) Acetone	2.386	43	135942	140.053	ug/l	93
17) Carbon Disulfide	2.514	76	91296	16.895	ug/l	99
18) Methyl Acetate	2.709	43	71735	28.575	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	171020	25.584	ug/l	97
20) Methylene Chloride	2.788	84	54458	24.064	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	47873	21.538	ug/l	97
22) Diisopropyl ether	3.764	45	160119	27.055	ug/l #	87
23) Vinyl Acetate	3.727	43	686691	138.931	ug/l	98
24) 1,1-Dichloroethane	3.611	63	87397	23.868	ug/l	99
25) 2-Butanone	4.562	43	216462	138.246	ug/l	96
26) 2,2-Dichloropropane	4.483	77	64599	21.504	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	58605	22.109	ug/l	96
28) Bromochloromethane	4.904	49	33951	23.044	ug/l	100
29) Tetrahydrofuran	5.013	42	141107	140.533	ug/l	94
30) Chloroform	5.099	83	98090	24.164	ug/l	100
31) Cyclohexane	5.477	56	75091	23.432	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	79887	21.733	ug/l	99
36) 1,1-Dichloropropene	5.690	75	62990	19.423	ug/l	97
37) Ethyl Acetate	4.721	43	81796	26.025	ug/l	99
38) Carbon Tetrachloride	5.678	117	67862	18.311	ug/l	95
39) Methylcyclohexane	7.385	83	78985	19.702	ug/l	92
40) Benzene	6.044	78	204089	21.248	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	43168	25.429	ug/l	96
42) 1,2-Dichloroethane	6.092	62	77173	23.692	ug/l	99
43) Isopropyl Acetate	6.342	43	120683	24.544	ug/l	97
44) Trichloroethene	7.129	130	54567	18.724	ug/l	94
45) 1,2-Dichloropropane	7.434	63	52112	22.513	ug/l	100
46) Dibromomethane	7.586	93	39656	21.992	ug/l	93
47) Bromodichloromethane	7.824	83	71841	20.210	ug/l	99
48) Methyl methacrylate	7.696	41	59661	24.944	ug/l	93
49) 1,4-Dioxane	7.678	88	31844	435.101	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	415156	126.945	ug/l	96
52) Toluene	8.720	92	132794	20.697	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	72982	19.976	ug/l	98
54) cis-1,3-Dichloropropene	8.373	75	81787	20.460	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	58572	21.939	ug/l	97
56) Ethyl methacrylate	9.116	69	85177	22.477	ug/l	92
57) 1,3-Dichloropropane	9.311	76	97284	22.861	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	222338	123.810	ug/l	98
59) 2-Hexanone	9.433	43	321010	126.128	ug/l	94
60) Dibromochloromethane	9.525	129	54685	17.997	ug/l	98
61) 1,2-Dibromoethane	9.610	107	62290	21.572	ug/l	100
64) Tetrachloroethene	9.275	164	49200	18.482	ug/l	97
65) Chlorobenzene	10.080	112	143284	19.728	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	52778	18.851	ug/l	97
67) Ethyl Benzene	10.195	91	251766	20.630	ug/l	98
68) m/p-Xylenes	10.305	106	197112	40.218	ug/l	98
69) o-Xylene	10.640	106	97471	20.123	ug/l	96
70) Styrene	10.659	104	164857	20.451	ug/l	98
71) Bromoform	10.805	173	36730	15.196	ug/l #	99
73) Isopropylbenzene	10.964	105	250575	22.291	ug/l	98
74) N-amyl acetate	10.842	43	92845	25.508	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	93061	24.558	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	83470m	24.616	ug/l	
77) Bromobenzene	11.201	156	60297	20.112	ug/l	96
78) n-propylbenzene	11.305	91	284310	22.741	ug/l	100
79) 2-Chlorotoluene	11.366	91	179094	22.663	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	216610	22.509	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	21931	18.975	ug/l #	81
82) 4-Chlorotoluene	11.457	91	204699	22.628	ug/l	99
83) tert-Butylbenzene	11.713	119	212281	21.582	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	215345	22.418	ug/l	98
85) sec-Butylbenzene	11.890	105	257737	22.320	ug/l	99
86) p-Isopropyltoluene	12.012	119	216076	21.403	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	112469	19.904	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	115074	19.763	ug/l	97
89) n-Butylbenzene	12.335	91	180917	22.083	ug/l	98
90) Hexachloroethane	12.543	117	31679	17.258	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	115836	20.811	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	19473	23.015	ug/l	90
93) 1,2,4-Trichlorobenzene	13.591	180	66291	19.098	ug/l	98
94) Hexachlorobutadiene	13.725	225	26384	17.809	ug/l	93
95) Naphthalene	13.774	128	251854	22.690	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	66774	19.481	ug/l	96

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

