

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062422\
 Data File : VX029764.D
 Acq On : 24 Jun 2022 10:49
 Operator : JC/MD
 Sample : VX0624WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0624WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/25/2022
 Supervised By : Semsettin Yesilyurt 06/28/2022

Quant Time: Jun 25 01:56:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 20 01:31:01 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	215268	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	371469	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	335718	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	161245	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	133069	46.698	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.400%		
35) Dibromofluoromethane	5.385	113	117599	48.578	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.160%		
50) Toluene-d8	8.653	98	439884	49.740	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.480%		
62) 4-Bromofluorobenzene	11.079	95	169308	50.766	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.540%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	53252	20.427	ug/l	99
3) Chloromethane	1.288	50	46115	16.420	ug/l	100
4) Vinyl Chloride	1.374	62	46859	18.122	ug/l	98
5) Bromomethane	1.612	94	23424	17.756	ug/l	96
6) Chloroethane	1.685	64	29080	16.369	ug/l	96
7) Trichlorofluoromethane	1.886	101	73104	20.293	ug/l	96
8) Diethyl Ether	2.136	74	29630	20.878	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	46707	20.677	ug/l	96
10) Methyl Iodide	2.453	142	42657	18.583	ug/l	99
11) Tert butyl alcohol	2.983	59	66931	102.317	ug/l	95
12) 1,1-Dichloroethene	2.319	96	44901	20.589	ug/l	94
13) Acrolein	2.239	56	10237	65.216	ug/l	98
14) Allyl chloride	2.666	41	64041	18.187	ug/l	96
15) Acrylonitrile	3.069	53	138411	103.846	ug/l	99
16) Acetone	2.386	43	106278	93.570	ug/l	100
17) Carbon Disulfide	2.514	76	105529	18.665	ug/l	100
18) Methyl Acetate	2.709	43	62237	20.725	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	155385	20.523	ug/l	99
20) Methylene Chloride	2.788	84	50870	20.109	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	48203	20.222	ug/l	96
22) Diisopropyl ether	3.764	45	140837	20.219	ug/l	93
23) Vinyl Acetate	3.727	43	586347	100.830	ug/l	100
24) 1,1-Dichloroethane	3.611	63	83069	19.830	ug/l	99
25) 2-Butanone	4.562	43	181561	101.130	ug/l	99
26) 2,2-Dichloropropane	4.471	77	40728	12.492	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	57040	20.483	ug/l	91
28) Bromochloromethane	4.904	49	32318	20.193	ug/l	100
29) Tetrahydrofuran	5.013	42	121950	101.924	ug/l	96
30) Chloroform	5.093	83	91927	20.736	ug/l	96
31) Cyclohexane	5.477	56	75349	19.696	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	78695	20.125	ug/l	97
36) 1,1-Dichloropropene	5.696	75	65913	20.117	ug/l	99
37) Ethyl Acetate	4.721	43	69400	20.664	ug/l	98
38) Carbon Tetrachloride	5.684	117	64536	20.030	ug/l	96
39) Methylcyclohexane	7.385	83	82650	20.233	ug/l	97
40) Benzene	6.044	78	196980	20.282	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	37094	20.964	ug/l	99
42) 1,2-Dichloroethane	6.086	62	67523	20.225	ug/l	98
43) Isopropyl Acetate	6.342	43	105815	20.262	ug/l	98
44) Trichloroethene	7.129	130	56140	19.715	ug/l	96
45) 1,2-Dichloropropane	7.434	63	49329	20.710	ug/l	99
46) Dibromomethane	7.586	93	35948	20.998	ug/l	96
47) Bromodichloromethane	7.824	83	68760	20.843	ug/l	98
48) Methyl methacrylate	7.696	41	53179	20.769	ug/l	93
49) 1,4-Dioxane	7.690	88	26545	402.089	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	350712	104.191	ug/l	98
52) Toluene	8.720	92	130855	21.041	ug/l	96
53) t-1,3-Dichloropropene	8.982	75	63471	19.039	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	73140	19.593	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	53582	21.309	ug/l	99
56) Ethyl methacrylate	9.116	69	79865	21.024	ug/l	95
57) 1,3-Dichloropropane	9.311	76	88513	21.135	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	173468	97.189	ug/l	96
59) 2-Hexanone	9.433	43	267775	105.054	ug/l	97
60) Dibromochloromethane	9.525	129	52058	21.324	ug/l	95
61) 1,2-Dibromoethane	9.610	107	55367	21.238	ug/l	98
64) Tetrachloroethene	9.275	164	51001	21.007	ug/l	95
65) Chlorobenzene	10.080	112	137540	20.883	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	49534	20.942	ug/l	99
67) Ethyl Benzene	10.195	91	245295	20.700	ug/l	98
68) m/p-Xylenes	10.305	106	192397	41.633	ug/l	99
69) o-Xylene	10.640	106	94070	20.603	ug/l	96
70) Styrene	10.659	104	157426	21.058	ug/l	98
71) Bromoform	10.799	173	35304	21.051	ug/l #	97
73) Isopropylbenzene	10.964	105	248879	20.586	ug/l	99
74) N-amyl acetate	10.842	43	84862	20.210	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	80783	20.667	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	71991m	20.494	ug/l	
77) Bromobenzene	11.201	156	56436	20.453	ug/l	95
78) n-propylbenzene	11.305	91	279799	20.548	ug/l	99
79) 2-Chlorotoluene	11.366	91	172543	20.464	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	211370	20.760	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	17371	16.451	ug/l #	85
82) 4-Chlorotoluene	11.457	91	195282	20.310	ug/l	100
83) tert-Butylbenzene	11.713	119	205115	20.661	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	209227	20.604	ug/l	99
85) sec-Butylbenzene	11.890	105	255148	20.738	ug/l	99
86) p-Isopropyltoluene	12.012	119	210956	20.477	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	107872	20.523	ug/l	96
88) 1,4-Dichlorobenzene	12.043	146	109933	20.947	ug/l	97
89) n-Butylbenzene	12.335	91	173297	19.932	ug/l	99
90) Hexachloroethane	12.542	117	30476	20.660	ug/l	90
91) 1,2-Dichlorobenzene	12.335	146	110253	21.339	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	16841	19.445	ug/l	99
93) 1,2,4-Trichlorobenzene	13.591	180	67121	21.303	ug/l	98
94) Hexachlorobutadiene	13.725	225	25861	20.048	ug/l	92
95) Naphthalene	13.774	128	253343	22.399	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	68202	21.613	ug/l	94

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

