

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062322\
 Data File : VX029735.D
 Acq On : 23 Jun 2022 11:48
 Operator : JC/MD
 Sample : VX0623WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0623WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/24/2022
 Supervised By : Semsettin Yesilyurt 06/28/2022

Quant Time: Jun 24 05:37:34 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	210648	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	378926	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	340529	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	161282	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	133748	47.966	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.940%		
35) Dibromofluoromethane	5.385	113	120070	48.623	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.240%		
50) Toluene-d8	8.647	98	440541	48.834	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.660%		
62) 4-Bromofluorobenzene	11.079	95	167182	49.142	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.280%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	51987	20.379	ug/l	99
3) Chloromethane	1.288	50	48997	17.829	ug/l	100
4) Vinyl Chloride	1.374	62	49287	19.479	ug/l	93
5) Bromomethane	1.611	94	25154	19.486	ug/l	96
6) Chloroethane	1.685	64	29997	17.262	ug/l	99
7) Trichlorofluoromethane	1.886	101	69419	19.693	ug/l	99
8) Diethyl Ether	2.136	74	29458	21.212	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	44733	20.238	ug/l	99
10) Methyl Iodide	2.453	142	40911	18.274	ug/l	99
11) Tert butyl alcohol	2.995	59	74301	117.366	ug/l #	94
12) 1,1-Dichloroethene	2.319	96	45508	21.325	ug/l	93
13) Acrolein	2.239	56	7787	50.696	ug/l	100
14) Allyl chloride	2.666	41	62900	18.255	ug/l	92
15) Acrylonitrile	3.068	53	148552	113.899	ug/l	98
16) Acetone	2.386	43	118043	106.208	ug/l	97
17) Carbon Disulfide	2.514	76	104000	18.798	ug/l	99
18) Methyl Acetate	2.709	43	72554	24.690	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	165810	22.380	ug/l	99
20) Methylene Chloride	2.788	84	54266	21.922	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	49030	21.020	ug/l	93
22) Diisopropyl ether	3.763	45	149415	21.921	ug/l	95
23) Vinyl Acetate	3.721	43	578525	101.667	ug/l	99
24) 1,1-Dichloroethane	3.611	63	85811	20.934	ug/l	99
25) 2-Butanone	4.562	43	190561	108.471	ug/l	99
26) 2,2-Dichloropropane	4.477	77	21008	6.585	ug/l	86
27) cis-1,2-Dichloroethene	4.489	96	58154	21.341	ug/l	88
28) Bromochloromethane	4.904	49	30579	19.525	ug/l	94
29) Tetrahydrofuran	5.007	42	126983	108.458	ug/l	97
30) Chloroform	5.099	83	92500	21.323	ug/l	99
31) Cyclohexane	5.477	56	76404	20.410	ug/l	94
32) 1,1,1-Trichloroethane	5.379	97	75962	19.853	ug/l	98
36) 1,1-Dichloropropene	5.696	75	64979	19.442	ug/l	98
37) Ethyl Acetate	4.715	43	72670	21.212	ug/l	99
38) Carbon Tetrachloride	5.684	117	63746	19.395	ug/l	93
39) Methylcyclohexane	7.379	83	79524	19.085	ug/l	98
40) Benzene	6.037	78	203295	20.520	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	39256	21.749	ug/l	97
42) 1,2-Dichloroethane	6.086	62	67780	19.902	ug/l	97
43) Isopropyl Acetate	6.342	43	111230	20.880	ug/l	100
44) Trichloroethene	7.123	130	56394	19.396	ug/l	95
45) 1,2-Dichloropropane	7.434	63	51439	21.171	ug/l	99
46) Dibromomethane	7.586	93	36943	21.154	ug/l	97
47) Bromodichloromethane	7.824	83	67907	20.179	ug/l	98
48) Methyl methacrylate	7.696	41	53265	20.393	ug/l	97
49) 1,4-Dioxane	7.690	88	27641	410.452	ug/l	95
51) 4-Methyl-2-Pentanone	8.574	43	362015	105.432	ug/l	99
52) Toluene	8.720	92	130023	20.496	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	58317	17.149	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	66966	17.586	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	56128	21.882	ug/l	99
56) Ethyl methacrylate	9.116	69	85012	21.939	ug/l	97
57) 1,3-Dichloropropane	9.311	76	91380	21.390	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	171412	94.147	ug/l	96
59) 2-Hexanone	9.433	43	280615	107.925	ug/l	97
60) Dibromochloromethane	9.525	129	51755	20.782	ug/l	98
61) 1,2-Dibromoethane	9.610	107	57546	21.639	ug/l	97
64) Tetrachloroethene	9.275	164	50331	20.438	ug/l	97
65) Chlorobenzene	10.079	112	139745	20.919	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	51120	21.307	ug/l	98
67) Ethyl Benzene	10.195	91	247707	20.608	ug/l	98
68) m/p-Xylenes	10.305	106	194041	41.395	ug/l	100
69) o-Xylene	10.646	106	97047	20.955	ug/l	100
70) Styrene	10.659	104	158742	20.934	ug/l	99
71) Bromoform	10.799	173	34716	20.408	ug/l #	98
73) Isopropylbenzene	10.963	105	248502	20.550	ug/l	98
74) N-amyl acetate	10.841	43	83830	19.960	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	83677	21.403	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	74411m	21.178	ug/l	
77) Bromobenzene	11.201	156	58034	21.028	ug/l	98
78) n-propylbenzene	11.305	91	275774	20.248	ug/l	100
79) 2-Chlorotoluene	11.366	91	174037	20.637	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	209552	20.576	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	14449	13.681	ug/l	90
82) 4-Chlorotoluene	11.457	91	195430	20.321	ug/l	99
83) tert-Butylbenzene	11.719	119	207709	20.918	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	208290	20.507	ug/l	100
85) sec-Butylbenzene	11.890	105	247437	20.106	ug/l	99
86) p-Isopropyltoluene	12.012	119	210379	20.417	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	109728	20.871	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	109560	20.872	ug/l	97
89) n-Butylbenzene	12.335	91	165643	19.047	ug/l	99
90) Hexachloroethane	12.542	117	28614	19.393	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	112518	21.772	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	18439	21.285	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	65501	20.784	ug/l	96
94) Hexachlorobutadiene	13.725	225	24818	19.235	ug/l	96
95) Naphthalene	13.774	128	264698	23.398	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	70743	22.413	ug/l	94

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

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