

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070522\
 Data File : VX029913.D
 Acq On : 05 Jul 2022 12:22
 Operator : JC/MD
 Sample : VX0705WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0705WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/06/2022
 Supervised By : Mahesh Dadoda 07/06/2022

Quant Time: Jul 06 06:53:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 05:54:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	228776	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	401138	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	355410	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	168318	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	138430	47.802	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 95.600%			
35) Dibromofluoromethane	5.391	113	126260	50.365	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.720%			
50) Toluene-d8	8.653	98	479482	50.984	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.960%			
62) 4-Bromofluorobenzene	11.079	95	169588	51.013	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.020%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	45858	20.555	ug/l	99
3) Chloromethane	1.288	50	49161	19.125	ug/l	100
4) Vinyl Chloride	1.374	62	51892	20.297	ug/l	96
5) Bromomethane	1.612	94	23547	16.717	ug/l	95
6) Chloroethane	1.685	64	29886	17.878	ug/l	99
7) Trichlorofluoromethane	1.886	101	66716	20.329	ug/l	94
8) Diethyl Ether	2.136	74	28661	19.483	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	44638	19.455	ug/l	99
10) Methyl Iodide	2.453	142	40100	14.151	ug/l	97
11) Tert butyl alcohol	2.989	59	86021	113.581	ug/l	98
12) 1,1-Dichloroethene	2.319	96	46167	19.595	ug/l	98
13) Acrolein	2.239	56	28691	77.237	ug/l	96
14) Allyl chloride	2.666	41	85098	19.571	ug/l	98
15) Acrylonitrile	3.069	53	171105	96.774	ug/l	100
16) Acetone	2.386	43	132343	93.412	ug/l	98
17) Carbon Disulfide	2.514	76	111036	18.953	ug/l	99
18) Methyl Acetate	2.709	43	83419	19.099	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	156131	19.628	ug/l	96
20) Methylene Chloride	2.788	84	53152	17.764	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	49940	19.325	ug/l	94
22) Diisopropyl ether	3.764	45	168935	19.226	ug/l	97
23) Vinyl Acetate	3.727	43	737575	97.055	ug/l	99
24) 1,1-Dichloroethane	3.611	63	89818	19.383	ug/l	99
25) 2-Butanone	4.568	43	231921	94.314	ug/l	99
26) 2,2-Dichloropropane	4.477	77	64346	21.157	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	59790	19.596	ug/l	98
28) Bromochloromethane	4.904	49	39254	21.135	ug/l	98
29) Tetrahydrofuran	5.007	42	154845	95.686	ug/l	99
30) Chloroform	5.099	83	90093	19.827	ug/l	98
31) Cyclohexane	5.477	56	79060	19.580	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	73688	20.365	ug/l	98
36) 1,1-Dichloropropene	5.696	75	65262	19.573	ug/l	98
37) Ethyl Acetate	4.721	43	87689	19.229	ug/l	100
38) Carbon Tetrachloride	5.678	117	60543	20.956	ug/l	95
39) Methylcyclohexane	7.385	83	77655	19.263	ug/l	97
40) Benzene	6.044	78	212967	19.753	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	47374	19.543	ug/l	99
42) 1,2-Dichloroethane	6.092	62	65923	19.923	ug/l	98
43) Isopropyl Acetate	6.348	43	135314	19.705	ug/l	100
44) Trichloroethene	7.129	130	56745	19.544	ug/l	92
45) 1,2-Dichloropropane	7.434	63	56681	19.901	ug/l	98
46) Dibromomethane	7.586	93	37710	20.240	ug/l	99
47) Bromodichloromethane	7.824	83	65439	19.595	ug/l	98
48) Methyl methacrylate	7.696	41	64011	19.661	ug/l	99
49) 1,4-Dioxane	7.684	88	30432	394.728	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	446587	98.626	ug/l	98
52) Toluene	8.720	92	130456	20.052	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	74185	20.846	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	82742	20.575	ug/l	100
55) 1,1,2-Trichloroethane	9.153	97	55142	19.455	ug/l	96
56) Ethyl methacrylate	9.116	69	89250	19.972	ug/l	98
57) 1,3-Dichloropropane	9.311	76	89436	19.613	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	192111	90.091	ug/l	100
59) 2-Hexanone	9.433	43	343938	97.876	ug/l	100
60) Dibromochloromethane	9.525	129	51407	20.528	ug/l	98
61) 1,2-Dibromoethane	9.610	107	58018	20.031	ug/l	96
64) Tetrachloroethene	9.275	164	47770	22.283	ug/l	96
65) Chlorobenzene	10.080	112	139083	19.495	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	49334	20.696	ug/l	99
67) Ethyl Benzene	10.195	91	244818	19.729	ug/l	99
68) m/p-Xylenes	10.305	106	191977	40.337	ug/l	99
69) o-Xylene	10.646	106	95707	19.854	ug/l	99
70) Styrene	10.659	104	158558	19.898	ug/l	100
71) Bromoform	10.799	173	35718	21.006	ug/l #	98
73) Isopropylbenzene	10.964	105	242150	19.882	ug/l	100
74) N-amyl acetate	10.842	43	115719	19.190	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	91124	19.005	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	83114m	20.627	ug/l	
77) Bromobenzene	11.201	156	56693	19.353	ug/l	98
78) n-propylbenzene	11.305	91	287096	19.987	ug/l	99
79) 2-Chlorotoluene	11.366	91	166379	19.482	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	199222	19.704	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	27059	21.327	ug/l	98
82) 4-Chlorotoluene	11.457	91	188232	19.346	ug/l	98
83) tert-Butylbenzene	11.713	119	195979	19.558	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	205002	20.240	ug/l	99
85) sec-Butylbenzene	11.890	105	253336	20.063	ug/l	100
86) p-Isopropyltoluene	12.012	119	204786	20.320	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	110950	19.726	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	111468	19.423	ug/l	98
89) n-Butylbenzene	12.335	91	185322	19.562	ug/l	100
90) Hexachloroethane	12.542	117	34449	20.954	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	112791	20.413	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	21409	21.367	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	63323	18.911	ug/l	100
94) Hexachlorobutadiene	13.725	225	23206	18.734	ug/l	98
95) Naphthalene	13.780	128	270863	19.924	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	65524	19.114	ug/l	98

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

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