

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071122\
 Data File : VX029993.D
 Acq On : 11 Jul 2022 13:19
 Operator : JC/MD
 Sample : VX0711WBS03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0711WBS03

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 07/12/2022
 Supervised By :Mahesh Dadoda 07/12/2022

Quant Time: Jul 12 02:02:16 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	184664	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	315686	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	277556	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	133052	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	110906	47.446	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.900%		
35) Dibromofluoromethane	5.391	113	105747	53.601	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	107.200%		
50) Toluene-d8	8.653	98	385476	52.083	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	104.160%		
62) 4-Bromofluorobenzene	11.079	95	137695	52.632	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	105.260%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	31462	17.471	ug/l	97
3) Chloromethane	1.288	50	30269	14.588	ug/l	96
4) Vinyl Chloride	1.374	62	35479	17.193	ug/l	99
5) Bromomethane	1.605	94	15011	13.202	ug/l	92
6) Chloroethane	1.685	64	21078	15.580	ug/l	92
7) Trichlorofluoromethane	1.886	101	49502	18.687	ug/l	92
8) Diethyl Ether	2.136	74	20886	17.589	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	34170	18.450	ug/l	96
10) Methyl Iodide	2.453	142	24736	11.256	ug/l	98
11) Tert butyl alcohol	2.977	59	50786	83.076	ug/l	100
12) 1,1-Dichloroethene	2.319	96	34371	18.073	ug/l	88
13) Acrolein	2.240	56	22496	74.872	ug/l	96
14) Allyl chloride	2.666	41	59194	16.865	ug/l	98
15) Acrylonitrile	3.069	53	123530	86.556	ug/l	100
16) Acetone	2.386	43	96264	84.177	ug/l	99
17) Carbon Disulfide	2.514	76	78598	16.621	ug/l	99
18) Methyl Acetate	2.709	43	61960	17.574	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	113080	17.612	ug/l	100
20) Methylene Chloride	2.794	84	39709	16.441	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	35585	17.060	ug/l	95
22) Diisopropyl ether	3.764	45	120051	16.926	ug/l	94
23) Vinyl Acetate	3.727	43	506421	82.557	ug/l	99
24) 1,1-Dichloroethane	3.611	63	65055	17.392	ug/l	99
25) 2-Butanone	4.562	43	165310	83.284	ug/l	95
26) 2,2-Dichloropropane	4.483	77	47967	19.539	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	43646	17.722	ug/l	97
28) Bromochloromethane	4.898	49	26894	17.939	ug/l	93
29) Tetrahydrofuran	5.007	42	111893	85.661	ug/l	99
30) Chloroform	5.099	83	67359	18.365	ug/l	99
31) Cyclohexane	5.471	56	54468	16.712	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	53970	18.478	ug/l	97
36) 1,1-Dichloropropene	5.696	75	46947	17.892	ug/l	98
37) Ethyl Acetate	4.721	43	61266	17.072	ug/l	99
38) Carbon Tetrachloride	5.678	117	46926	20.639	ug/l	99
39) Methylcyclohexane	7.385	83	59161	18.647	ug/l	95
40) Benzene	6.038	78	154276	18.183	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	33882	17.760	ug/l	97
42) 1,2-Dichloroethane	6.092	62	46941	18.026	ug/l	98
43) Isopropyl Acetate	6.342	43	96377	17.834	ug/l	99
44) Trichloroethene	7.129	130	42898	18.774	ug/l	99
45) 1,2-Dichloropropane	7.434	63	40601	18.114	ug/l	93
46) Dibromomethane	7.586	93	27463	18.730	ug/l	96
47) Bromodichloromethane	7.824	83	53063	20.190	ug/l	91
48) Methyl methacrylate	7.696	41	44099	17.211	ug/l	97
49) 1,4-Dioxane	7.678	88	23049	379.890	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	321211	90.140	ug/l	98
52) Toluene	8.720	92	95786	18.709	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	54329	19.399	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	61360	19.388	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	42291	18.960	ug/l	97
56) Ethyl methacrylate	9.116	69	64319	18.289	ug/l	95
57) 1,3-Dichloropropane	9.311	76	65932	18.373	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	131192	78.176	ug/l	99
59) 2-Hexanone	9.433	43	248567	89.883	ug/l	99
60) Dibromochloromethane	9.525	129	43130	21.884	ug/l	98
61) 1,2-Dibromoethane	9.610	107	42311	18.562	ug/l	99
64) Tetrachloroethene	9.275	164	39336	23.496	ug/l	98
65) Chlorobenzene	10.080	112	103941	18.656	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	37999	20.412	ug/l	98
67) Ethyl Benzene	10.195	91	178634	18.433	ug/l	98
68) m/p-Xylenes	10.305	106	142237	38.269	ug/l	96
69) o-Xylene	10.647	106	71634	19.028	ug/l	99
70) Styrene	10.659	104	117251	18.842	ug/l	98
71) Bromoform	10.799	173	31315	23.583	ug/l #	96
73) Isopropylbenzene	10.964	105	180560	18.755	ug/l	100
74) N-amyl acetate	10.842	43	75145	15.765	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.214	83	64875	17.116	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	59315m	18.623	ug/l	
77) Bromobenzene	11.201	156	44081	19.036	ug/l	95
78) n-propylbenzene	11.305	91	205669	18.113	ug/l	98
79) 2-Chlorotoluene	11.366	91	122040	18.078	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	147691	18.479	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	21108	21.046	ug/l	96
82) 4-Chlorotoluene	11.457	91	139300	18.112	ug/l	97
83) tert-Butylbenzene	11.713	119	146751	18.527	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	148319	18.525	ug/l	99
85) sec-Butylbenzene	11.890	105	190666	19.102	ug/l	99
86) p-Isopropyltoluene	12.012	119	151711	19.043	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	82431	18.540	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	82771	18.245	ug/l	98
89) n-Butylbenzene	12.335	91	135233	18.058	ug/l	99
90) Hexachloroethane	12.543	117	28467	21.905	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	82539	18.897	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	15069	19.026	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	51328	19.392	ug/l	99
94) Hexachlorobutadiene	13.725	225	20235	20.666	ug/l	98
95) Naphthalene	13.780	128	201102	18.713	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	52292	19.298	ug/l	97

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

