

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060322\
 Data File : VX029183.D
 Acq On : 03 Jun 2022 12:29
 Operator : JC/MD
 Sample : VX0603WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0603WBS01

Manual Integrations
 APPROVED

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

Quant Time: Jun 06 02:33:57 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	311205	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	510022	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	459383	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	226943	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	183524	52.297	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 104.600%			
35) Dibromofluoromethane	5.385	113	162858	48.074	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 96.140%			
50) Toluene-d8	8.653	98	607100	48.999	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 98.000%			
62) 4-Bromofluorobenzene	11.079	95	225052	46.989	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 93.980%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	61485	22.723	ug/l	99
3) Chloromethane	1.288	50	56621	19.998	ug/l	97
4) Vinyl Chloride	1.374	62	64293	20.649	ug/l	99
5) Bromomethane	1.605	94	31858	19.760	ug/l	100
6) Chloroethane	1.685	64	41195	16.903	ug/l	97
7) Trichlorofluoromethane	1.886	101	97910	20.233	ug/l	98
8) Diethyl Ether	2.136	74	35864	19.338	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	62069	21.627	ug/l	100
10) Methyl Iodide	2.453	142	68680	22.098	ug/l	98
11) Tert butyl alcohol	2.977	59	86314	106.175	ug/l	95
12) 1,1-Dichloroethene	2.319	96	58878	20.991	ug/l	97
13) Acrolein	2.239	56	32571	88.427	ug/l	99
14) Allyl chloride	2.666	41	89817	21.322	ug/l	96
15) Acrylonitrile	3.062	53	183384	109.558	ug/l	99
16) Acetone	2.386	43	175720	127.162	ug/l	98
17) Carbon Disulfide	2.514	76	129299	16.807	ug/l	97
18) Methyl Acetate	2.703	43	81825	22.895	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	204426	21.481	ug/l	100
20) Methylene Chloride	2.788	84	72282	22.435	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	64446	20.366	ug/l	97
22) Diisopropyl ether	3.763	45	190932	22.661	ug/l	94
23) Vinyl Acetate	3.721	43	790332	112.317	ug/l	97
24) 1,1-Dichloroethane	3.611	63	114850	22.032	ug/l	99
25) 2-Butanone	4.562	43	254262	114.064	ug/l	98
26) 2,2-Dichloropropane	4.477	77	85061	19.890	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	76085	20.162	ug/l	94
28) Bromochloromethane	4.904	49	50858	24.247	ug/l	100
29) Tetrahydrofuran	5.007	42	158846	111.122	ug/l	97
30) Chloroform	5.093	83	123712	21.407	ug/l	99
31) Cyclohexane	5.470	56	100658	22.063	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	106383	20.329	ug/l	98
36) 1,1-Dichloropropene	5.696	75	89871	20.618	ug/l	100
37) Ethyl Acetate	4.721	43	92137	21.810	ug/l	98
38) Carbon Tetrachloride	5.684	117	90981	18.264	ug/l	94
39) Methylcyclohexane	7.379	83	110574	20.521	ug/l	97
40) Benzene	6.037	78	267521	20.721	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	50074	21.945	ug/l	97
42) 1,2-Dichloroethane	6.086	62	91018	20.789	ug/l	100
43) Isopropyl Acetate	6.342	43	133578	20.212	ug/l	99
44) Trichloroethene	7.129	130	73268	18.704	ug/l	94
45) 1,2-Dichloropropane	7.434	63	67420	21.670	ug/l	99
46) Dibromomethane	7.580	93	48752	20.115	ug/l	95
47) Bromodichloromethane	7.824	83	90344	18.908	ug/l	99
48) Methyl methacrylate	7.696	41	67578	21.021	ug/l	95
49) 1,4-Dioxane	7.677	88	38375	390.099	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	461331	104.950	ug/l	98
52) Toluene	8.720	92	177560	20.589	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	91179	18.568	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	102693	19.113	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	73128	20.379	ug/l	98
56) Ethyl methacrylate	9.116	69	103169	20.254	ug/l	96
57) 1,3-Dichloropropane	9.311	76	117960	20.623	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	255951	106.038	ug/l	96
59) 2-Hexanone	9.433	43	358329	104.746	ug/l	98
60) Dibromochloromethane	9.525	129	69143	16.930	ug/l	97
61) 1,2-Dibromoethane	9.610	107	75951	19.569	ug/l	100
64) Tetrachloroethene	9.275	164	67886	19.626	ug/l	96
65) Chlorobenzene	10.079	112	186238	19.735	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	67515	18.559	ug/l	99
67) Ethyl Benzene	10.195	91	329125	20.756	ug/l	98
68) m/p-Xylenes	10.305	106	260157	40.853	ug/l	98
69) o-Xylene	10.640	106	129175	20.525	ug/l	96
70) Styrene	10.659	104	214117	20.443	ug/l	99
71) Bromoform	10.799	173	46188	14.707	ug/l #	100
73) Isopropylbenzene	10.963	105	336076	22.037	ug/l	99
74) N-amyl acetate	10.848	43	104570	21.175	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	112057	21.796	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	98494m	21.409	ug/l	
77) Bromobenzene	11.201	156	77298	19.004	ug/l	95
78) n-propylbenzene	11.305	91	381517	22.492	ug/l	99
79) 2-Chlorotoluene	11.366	91	235009	21.919	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	286831	21.969	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	26799	17.090	ug/l #	87
82) 4-Chlorotoluene	11.457	91	269262	21.939	ug/l	100
83) tert-Butylbenzene	11.719	119	277752	20.814	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	287934	22.094	ug/l	98
85) sec-Butylbenzene	11.890	105	347678	22.192	ug/l	99
86) p-Isopropyltoluene	12.012	119	293452	21.424	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	149801	19.540	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	151488	19.176	ug/l	96
89) n-Butylbenzene	12.335	91	245521	22.089	ug/l	99
90) Hexachloroethane	12.542	117	43278	17.378	ug/l	89
91) 1,2-Dichlorobenzene	12.335	146	147753	19.566	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	22070	19.226	ug/l	99
93) 1,2,4-Trichlorobenzene	13.591	180	89902	19.090	ug/l	99
94) Hexachlorobutadiene	13.725	225	38208	19.052	ug/l	96
95) Naphthalene	13.780	128	321255	21.333	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	91237	19.619	ug/l	95

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

