

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060722\
 Data File : VX029281.D
 Acq On : 07 Jun 2022 16:17
 Operator : JC/MD
 Sample : VX0607WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0607WBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/08/2022
 Supervised By : Mahesh Dadoda 06/08/2022

Quant Time: Jun 08 01:24:40 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	255738	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	432795	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	396221	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	193296	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	177951	61.707	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 123.420%			
35) Dibromofluoromethane	5.391	113	151300	52.631	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 105.260%			
50) Toluene-d8	8.653	98	561244	53.380	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 106.760%			
62) 4-Bromofluorobenzene	11.079	95	212806	52.361	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 104.720%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	48700	21.901	ug/l	100
3) Chloromethane	1.288	50	50334	21.633	ug/l	98
4) Vinyl Chloride	1.374	62	54967	21.483	ug/l	96
5) Bromomethane	1.605	94	27980	21.425	ug/l	98
6) Chloroethane	1.685	64	34930	17.430	ug/l	99
7) Trichlorofluoromethane	1.886	101	83814	21.077	ug/l	100
8) Diethyl Ether	2.136	74	33705	22.115	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	52045	22.067	ug/l	97
10) Methyl Iodide	2.453	142	51492	20.531	ug/l	97
11) Tert butyl alcohol	2.971	59	71751	107.404	ug/l	95
12) 1,1-Dichloroethene	2.319	96	47850	20.760	ug/l	97
13) Acrolein	2.239	56	21827	72.110	ug/l	95
14) Allyl chloride	2.666	41	78822	22.770	ug/l	95
15) Acrylonitrile	3.069	53	159975	116.302	ug/l	99
16) Acetone	2.386	43	126956	111.799	ug/l	97
17) Carbon Disulfide	2.514	76	104363	16.508	ug/l	99
18) Methyl Acetate	2.703	43	72535	24.698	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	180654	23.101	ug/l	99
20) Methylene Chloride	2.788	84	59811	22.591	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	55208	21.231	ug/l	95
22) Diisopropyl ether	3.764	45	172510	24.915	ug/l #	89
23) Vinyl Acetate	3.727	43	701013	121.230	ug/l	98
24) 1,1-Dichloroethane	3.611	63	99811	23.300	ug/l	99
25) 2-Butanone	4.562	43	210650	114.995	ug/l	98
26) 2,2-Dichloropropane	4.483	77	73378	20.879	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	67231	21.679	ug/l	95
28) Bromochloromethane	4.910	49	43800	25.411	ug/l	100
29) Tetrahydrofuran	5.013	42	136809	116.464	ug/l	96
30) Chloroform	5.099	83	109048	22.962	ug/l	99
31) Cyclohexane	5.477	56	86873	23.171	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	92544	21.520	ug/l	99
36) 1,1-Dichloropropene	5.696	75	76255	20.615	ug/l	100
37) Ethyl Acetate	4.721	43	79078	22.059	ug/l	99
38) Carbon Tetrachloride	5.684	117	77459	18.324	ug/l	92
39) Methylcyclohexane	7.385	83	91884	20.095	ug/l	98
40) Benzene	6.038	78	230672	21.055	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	44626	23.048	ug/l	94
42) 1,2-Dichloroethane	6.092	62	82236	22.135	ug/l	100
43) Isopropyl Acetate	6.342	43	121302	21.629	ug/l	97
44) Trichloroethene	7.129	130	63070	18.984	ug/l	95
45) 1,2-Dichloropropane	7.434	63	57705	21.857	ug/l	99
46) Dibromomethane	7.586	93	42669	20.746	ug/l	92
47) Bromodichloromethane	7.824	83	78813	19.438	ug/l	100
48) Methyl methacrylate	7.696	41	63233	23.179	ug/l	89
49) 1,4-Dioxane	7.677	88	29061	348.132	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	414280	111.063	ug/l	97
52) Toluene	8.720	92	149674	20.453	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	77717	18.650	ug/l	95
54) cis-1,3-Dichloropropene	8.372	75	88891	19.496	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	62067	20.383	ug/l	96
56) Ethyl methacrylate	9.116	69	91101	21.077	ug/l	93
57) 1,3-Dichloropropane	9.311	76	105624	21.762	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	221569	108.174	ug/l	98
59) 2-Hexanone	9.433	43	312975	107.813	ug/l	95
60) Dibromochloromethane	9.525	129	58710	16.940	ug/l	97
61) 1,2-Dibromoethane	9.610	107	65237	19.808	ug/l	98
64) Tetrachloroethene	9.275	164	57751	19.358	ug/l	97
65) Chlorobenzene	10.079	112	160730	19.747	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	57673	18.381	ug/l	100
67) Ethyl Benzene	10.195	91	287831	21.046	ug/l	100
68) m/p-Xylenes	10.305	106	227482	41.417	ug/l	99
69) o-Xylene	10.646	106	111586	20.556	ug/l	99
70) Styrene	10.659	104	183132	20.271	ug/l	97
71) Bromoform	10.805	173	38755	14.307	ug/l #	99
73) Isopropylbenzene	10.963	105	287871	22.162	ug/l	99
74) N-amyl acetate	10.848	43	97011	23.064	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	96810	22.108	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	86050m	21.960	ug/l	
77) Bromobenzene	11.201	156	66466	19.185	ug/l	94
78) n-propylbenzene	11.305	91	329223	22.788	ug/l	100
79) 2-Chlorotoluene	11.366	91	208506	22.833	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	248249	22.324	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	22501	16.847	ug/l #	84
82) 4-Chlorotoluene	11.457	91	237190	22.690	ug/l	98
83) tert-Butylbenzene	11.719	119	240033	21.118	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	249630	22.489	ug/l	98
85) sec-Butylbenzene	11.890	105	299516	22.446	ug/l	98
86) p-Isopropyltoluene	12.012	119	251689	21.574	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	128535	19.685	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	130343	19.372	ug/l	97
89) n-Butylbenzene	12.335	91	208033	21.974	ug/l	100
90) Hexachloroethane	12.542	117	35758	16.858	ug/l	89
91) 1,2-Dichlorobenzene	12.335	146	128860	20.034	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	19874	20.327	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	76575	19.091	ug/l	98
94) Hexachlorobutadiene	13.725	225	31013	18.126	ug/l	94
95) Naphthalene	13.774	128	342553	26.707	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	78999	19.944	ug/l	94

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

