

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060822\
 Data File : VX029315.D
 Acq On : 08 Jun 2022 12:47
 Operator : JC/MD
 Sample : VX0608WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0608WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/09/2022
 Supervised By : Mahesh Dadoda 06/09/2022

Quant Time: Jun 08 16:26:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 08 03:00:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	194691	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	315222	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	328320	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	204380	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	158694	53.676	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 107.360%			
35) Dibromofluoromethane	5.391	113	136491	50.933	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 101.860%			
50) Toluene-d8	8.647	98	477007	50.329	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 100.660%			
62) 4-Bromofluorobenzene	11.079	95	192627	51.935	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 103.860%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	60998	19.737	ug/l	98
3) Chloromethane	1.294	50	60993	18.491	ug/l	100
4) Vinyl Chloride	1.374	62	66431	19.405	ug/l	98
5) Bromomethane	1.611	94	36247	19.768	ug/l	99
6) Chloroethane	1.685	64	41482	26.309	ug/l	99
7) Trichlorofluoromethane	1.886	101	96584	19.360	ug/l	98
8) Diethyl Ether	2.136	74	36850	18.951	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.331	101	59214	19.693	ug/l	96
10) Methyl Iodide	2.453	142	58325	16.566	ug/l	95
11) Tert butyl alcohol	2.977	59	80821	72.734	ug/l	96
12) 1,1-Dichloroethene	2.319	96	54076	18.477	ug/l	99
13) Acrolein	2.239	56	31895	88.711	ug/l	95
14) Allyl chloride	2.666	41	86217	18.352	ug/l	96
15) Acrylonitrile	3.069	53	173601	93.721	ug/l	99
16) Acetone	2.386	43	162765	103.344	ug/l	97
17) Carbon Disulfide	2.514	76	130237	18.079	ug/l	98
18) Methyl Acetate	2.709	43	74456	17.844	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	190020	18.808	ug/l	99
20) Methylene Chloride	2.788	84	62949	17.897	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	60804	18.511	ug/l	100
22) Diisopropyl ether	3.764	45	184122	19.415	ug/l	92
23) Vinyl Acetate	3.721	43	779029	99.089	ug/l	96
24) 1,1-Dichloroethane	3.611	63	107561	18.805	ug/l	99
25) 2-Butanone	4.562	43	241335	96.867	ug/l	98
26) 2,2-Dichloropropane	4.483	77	82846	20.316	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	71133	18.307	ug/l	98
28) Bromochloromethane	4.897	49	50290	22.366	ug/l	97
29) Tetrahydrofuran	5.007	42	152280	93.785	ug/l	93
30) Chloroform	5.099	83	116630	18.896	ug/l	98
31) Cyclohexane	5.471	56	99007	18.759	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	101088	19.009	ug/l	99
36) 1,1-Dichloropropene	5.690	75	85258	19.259	ug/l	99
37) Ethyl Acetate	4.715	43	89006	19.478	ug/l	98
38) Carbon Tetrachloride	5.678	117	86580	19.135	ug/l	96
39) Methylcyclohexane	7.379	83	105759	19.396	ug/l	93
40) Benzene	6.037	78	253023	19.199	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	47523	18.231	ug/l	97
42) 1,2-Dichloroethane	6.092	62	88741	19.385	ug/l	99
43) Isopropyl Acetate	6.342	43	130197	18.965	ug/l	98
44) Trichloroethene	7.129	130	68399	19.063	ug/l	96
45) 1,2-Dichloropropane	7.427	63	61978	19.129	ug/l	97
46) Dibromomethane	7.580	93	45243	19.275	ug/l	93
47) Bromodichloromethane	7.824	83	85105	19.211	ug/l	97
48) Methyl methacrylate	7.696	41	66859	19.364	ug/l	91
49) 1,4-Dioxane	7.684	88	33122	372.926	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	451699	100.538	ug/l	95
52) Toluene	8.720	92	163636	19.343	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	85146	18.527	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	96833	19.469	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	66202	19.346	ug/l	95
56) Ethyl methacrylate	9.116	69	96883	19.460	ug/l	92
57) 1,3-Dichloropropane	9.311	76	108728	18.849	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	211726	87.541	ug/l	98
59) 2-Hexanone	9.433	43	352737	103.262	ug/l	93
60) Dibromochloromethane	9.525	129	63012	19.033	ug/l	98
61) 1,2-Dibromoethane	9.610	107	69658	19.084	ug/l	100
64) Tetrachloroethene	9.275	164	59312	19.048	ug/l	94
65) Chlorobenzene	10.079	112	174024	19.227	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	61678	19.578	ug/l	100
67) Ethyl Benzene	10.195	91	312352	19.637	ug/l	98
68) m/p-Xylenes	10.305	106	244984	39.808	ug/l	97
69) o-Xylene	10.646	106	118443	19.806	ug/l	96
70) Styrene	10.659	104	198963	19.935	ug/l	98
71) Bromoform	10.799	173	41340	18.476	ug/l #	98
73) Isopropylbenzene	10.963	105	314801	19.565	ug/l	98
74) N-amyl acetate	10.848	43	107123	19.666	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	102649	18.903	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	92523m	19.382	ug/l	
77) Bromobenzene	11.201	156	69071	18.282	ug/l	92
78) n-propylbenzene	11.305	91	361778	19.815	ug/l	99
79) 2-Chlorotoluene	11.366	91	221768	19.724	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	272653	19.957	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	25646	18.174	ug/l #	84
82) 4-Chlorotoluene	11.457	91	255922	19.719	ug/l	98
83) tert-Butylbenzene	11.719	119	261416	19.720	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	269189	19.962	ug/l	99
85) sec-Butylbenzene	11.890	105	326228	20.040	ug/l	99
86) p-Isopropyltoluene	12.012	119	277171	20.310	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	136807	18.974	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	139517	19.026	ug/l	96
89) n-Butylbenzene	12.335	91	232781	20.232	ug/l	98
90) Hexachloroethane	12.542	117	41016	18.905	ug/l	85
91) 1,2-Dichlorobenzene	12.335	146	133667	18.697	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	20951	18.551	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	82547	19.562	ug/l	97
94) Hexachlorobutadiene	13.725	225	33925	19.338	ug/l	92
95) Naphthalene	13.780	128	285794	19.190	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	80618	19.160	ug/l	96

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

