

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021622\
 Data File : VX027036.D
 Acq On : 15 Feb 2022 17:44
 Operator : JC/MD
 Sample : VX0216WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0216WBS01

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: Feb 16 04:06:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 08 07:07:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	90899	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	145055	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	134181	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	63032	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	55387	50.760	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 101.520%	
35) Dibromofluoromethane	5.391	113	43921	50.822	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.640%	
50) Toluene-d8	8.647	98	167326	52.747	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 105.500%	
62) 4-Bromofluorobenzene	11.079	95	62854	56.278	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 112.560%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	19095	19.319	ug/l	98
3) Chloromethane	1.294	50	17956	19.528	ug/l	100
4) Vinyl Chloride	1.374	62	17747	18.438	ug/l	98
5) Bromomethane	1.611	94	10425	25.524	ug/l	97
6) Chloroethane	1.691	64	10896	18.869	ug/l	96
7) Trichlorofluoromethane	1.892	101	27404	19.347	ug/l	99
8) Diethyl Ether	2.136	74	9892	18.853	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.331	101	18526	19.954	ug/l	98
10) Methyl Iodide	2.459	142	20781	17.664	ug/l	96
11) Tert butyl alcohol	2.959	59	16573	84.076	ug/l	96
12) 1,1-Dichloroethene	2.325	96	17130	18.414	ug/l	94
13) Acrolein	2.239	56	11792	64.733	ug/l	99
14) Allyl chloride	2.666	41	31055	18.846	ug/l	96
15) Acrylonitrile	3.062	53	55159	97.649	ug/l	99
16) Acetone	2.380	43	56985	118.907	ug/l	96
17) Carbon Disulfide	2.514	76	42287	16.057	ug/l	98
18) Methyl Acetate	2.703	43	25183	18.263	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	60087	18.248	ug/l	100
20) Methylene Chloride	2.794	84	19891	19.155	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	18789	19.194	ug/l	99
22) Diisopropyl ether	3.764	45	64415	19.416	ug/l	95
23) Vinyl Acetate	3.721	43	262489	94.105	ug/l	97
24) 1,1-Dichloroethane	3.611	63	34644	19.298	ug/l	100
25) 2-Butanone	4.550	43	80161	103.817	ug/l	99
26) 2,2-Dichloropropane	4.477	77	23976	19.767	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	22416	19.944	ug/l	95
28) Bromochloromethane	4.904	49	15388	20.678	ug/l	96
29) Tetrahydrofuran	5.007	42	50739	96.660	ug/l	99
30) Chloroform	5.099	83	36413	19.523	ug/l	97
31) Cyclohexane	5.471	56	32243	18.597	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	30533	18.567	ug/l	100
36) 1,1-Dichloropropene	5.696	75	26556	19.479	ug/l	98
37) Ethyl Acetate	4.715	43	29185	18.836	ug/l	99
38) Carbon Tetrachloride	5.684	117	26993	18.881	ug/l	97
39) Methylcyclohexane	7.379	83	32186	19.251	ug/l	97
40) Benzene	6.044	78	77957	19.620	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	16304	19.415	ug/l	97
42) 1,2-Dichloroethane	6.092	62	28775	20.551	ug/l	98
43) Isopropyl Acetate	6.336	43	44718	18.758	ug/l	99
44) Trichloroethene	7.129	130	22764	19.080	ug/l	96
45) 1,2-Dichloropropane	7.434	63	19896	19.791	ug/l	98
46) Dibromomethane	7.586	93	13917	20.006	ug/l	98
47) Bromodichloromethane	7.824	83	27055	20.309	ug/l	98
48) Methyl methacrylate	7.690	41	22754	19.263	ug/l	99
49) 1,4-Dioxane	7.665	88	7933	389.741	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	150436	104.135	ug/l	98
52) Toluene	8.720	92	50290	19.991	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	25113	18.294	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	29228	19.869	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	20327	21.343	ug/l	99
56) Ethyl methacrylate	9.116	69	30624	20.285	ug/l	97
57) 1,3-Dichloropropane	9.311	76	34098	20.850	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	63262	81.643	ug/l	97
59) 2-Hexanone	9.433	43	115525	109.332	ug/l	97
60) Dibromochloromethane	9.525	129	20357	20.774	ug/l	99
61) 1,2-Dibromoethane	9.610	107	20651	20.523	ug/l	97
64) Tetrachloroethene	9.275	164	24196	17.954	ug/l	96
65) Chlorobenzene	10.079	112	54732	19.723	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.165	131	19563	19.164	ug/l	99
67) Ethyl Benzene	10.195	91	97901	19.933	ug/l	99
68) m/p-Xylenes	10.305	106	75134	39.761	ug/l	97
69) o-Xylene	10.640	106	36542	19.735	ug/l	97
70) Styrene	10.659	104	61587	20.508	ug/l	98
71) Bromoform	10.799	173	13815	18.684	ug/l #	99
73) Isopropylbenzene	10.963	105	97553	19.649	ug/l	100
74) N-amyl acetate	10.841	43	36569	18.434	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	26917	19.978	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	27395m	19.854	ug/l	
77) Bromobenzene	11.201	156	23577	19.978	ug/l	94
78) n-propylbenzene	11.305	91	111699	20.294	ug/l	100
79) 2-Chlorotoluene	11.366	91	67143	19.743	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	81295	19.895	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	6966	18.107	ug/l	95
82) 4-Chlorotoluene	11.457	91	76186	19.969	ug/l	98
83) tert-Butylbenzene	11.713	119	76768	19.711	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	80867	19.620	ug/l	99
85) sec-Butylbenzene	11.890	105	99818	20.219	ug/l	100
86) p-Isopropyltoluene	12.012	119	83809	20.039	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	42863	19.821	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	42678	19.569	ug/l	98
89) n-Butylbenzene	12.335	91	70650	20.647	ug/l	99
90) Hexachloroethane	12.542	117	11972	19.806	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	41790	20.028	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	5778	17.439	ug/l	93
93) 1,2,4-Trichlorobenzene	13.585	180	25366	19.262	ug/l	97
94) Hexachlorobutadiene	13.725	225	11059	19.854	ug/l	98
95) Naphthalene	13.780	128	85630	18.564	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	26168	19.625	ug/l	97

02/16/2022
 Supervised By :Mahesh
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02/21/2022

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

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