

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012122\
 Data File : VX026540.D
 Acq On : 21 Jan 2022 12:03
 Operator : JC/MD
 Sample : VX0121WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0121WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/24/2022
 Supervised By : Mahesh Dadoda 01/24/2022

Quant Time: Jan 22 03:57:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 11 14:45:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	103734	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	167325	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	153562	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	72425	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	67268	46.421	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.840%		
35) Dibromofluoromethane	5.385	113	52269	48.373	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.740%		
50) Toluene-d8	8.647	98	199401	51.210	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	102.420%		
62) 4-Bromofluorobenzene	11.079	95	75889	54.864	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	109.720%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.173	85	21277	17.370	ug/l	99
3) Chloromethane	1.295	50	21645	19.276	ug/l	99
4) Vinyl Chloride	1.380	62	21767	18.463	ug/l	98
5) Bromomethane	1.618	94	12247	22.519	ug/l	99
6) Chloroethane	1.691	64	11579	19.422	ug/l	100
7) Trichlorofluoromethane	1.892	101	32571	17.498	ug/l	96
8) Diethyl Ether	2.136	74	12069	18.323	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.337	101	21121	18.620	ug/l	99
10) Methyl Iodide	2.459	142	25974	23.825	ug/l	99
11) Tert butyl alcohol	3.014	59	19329	95.886	ug/l #	88
12) 1,1-Dichloroethene	2.325	96	19901	18.370	ug/l	95
13) Acrolein	2.246	56	18419	85.988	ug/l	100
14) Allyl chloride	2.666	41	36709	18.425	ug/l	97
15) Acrylonitrile	3.069	53	63396	102.164	ug/l	100
16) Acetone	2.392	43	71895	97.290	ug/l	97
17) Carbon Disulfide	2.520	76	52733	16.672	ug/l	100
18) Methyl Acetate	2.709	43	29160	19.849	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	70492	17.933	ug/l	100
20) Methylene Chloride	2.794	84	22983	18.824	ug/l	99
21) trans-1,2-Dichloroethene	3.099	96	21631	18.444	ug/l	96
22) Diisopropyl ether	3.757	45	75704	18.707	ug/l #	87
23) Vinyl Acetate	3.721	43	309963	93.047	ug/l	99
24) 1,1-Dichloroethane	3.611	63	39964	18.285	ug/l	99
25) 2-Butanone	4.568	43	95465	99.337	ug/l	96
26) 2,2-Dichloropropane	4.477	77	28175	17.391	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	25124	18.770	ug/l	99
28) Bromochloromethane	4.898	49	17301	19.278	ug/l	100
29) Tetrahydrofuran	5.013	42	57177	100.176	ug/l	100
30) Chloroform	5.099	83	43393	19.108	ug/l	99
31) Cyclohexane	5.471	56	37687	17.633	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	36077	18.061	ug/l	98
36) 1,1-Dichloropropene	5.696	75	31324	18.363	ug/l	99
37) Ethyl Acetate	4.715	43	33988	19.697	ug/l	98
38) Carbon Tetrachloride	5.684	117	31835	18.144	ug/l	98
39) Methylcyclohexane	7.379	83	38456	18.691	ug/l	99
40) Benzene	6.044	78	90646	19.226	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	19532	19.982	ug/l	97
42) 1,2-Dichloroethane	6.086	62	34494	18.699	ug/l	100
43) Isopropyl Acetate	6.342	43	53915	19.343	ug/l	99
44) Trichloroethene	7.123	130	26140	19.539	ug/l	99
45) 1,2-Dichloropropane	7.434	63	23159	19.678	ug/l	97
46) Dibromomethane	7.580	93	16279	19.622	ug/l	99
47) Bromodichloromethane	7.824	83	32674	19.492	ug/l	100
48) Methyl methacrylate	7.690	41	26646	19.290	ug/l	99
49) 1,4-Dioxane	7.702	88	8963	395.391	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	175873	106.380	ug/l	99
52) Toluene	8.720	92	58806	20.339	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	30734	18.386	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	34892	19.380	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	23559	20.881	ug/l	96
56) Ethyl methacrylate	9.116	69	35537	20.552	ug/l	99
57) 1,3-Dichloropropane	9.311	76	39726	20.309	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	98452	108.586	ug/l	99
59) 2-Hexanone	9.433	43	135955	107.444	ug/l	99
60) Dibromochloromethane	9.519	129	24695	21.004	ug/l	100
61) 1,2-Dibromoethane	9.610	107	24080	20.482	ug/l	99
64) Tetrachloroethene	9.275	164	27593	19.021	ug/l	97
65) Chlorobenzene	10.079	112	62760	19.408	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	22228	18.499	ug/l	99
67) Ethyl Benzene	10.195	91	113158	19.256	ug/l	100
68) m/p-Xylenes	10.299	106	86674	39.412	ug/l	100
69) o-Xylene	10.640	106	41777	19.687	ug/l	99
70) Styrene	10.659	104	70784	20.442	ug/l	99
71) Bromoform	10.799	173	16012	18.876	ug/l #	98
73) Isopropylbenzene	10.964	105	112669	18.979	ug/l	100
74) N-amyl acetate	10.842	43	42080	18.361	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	30286	19.007	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	30987m	19.432	ug/l	
77) Bromobenzene	11.201	156	26337	19.365	ug/l	98
78) n-propylbenzene	11.305	91	129318	19.102	ug/l	100
79) 2-Chlorotoluene	11.366	91	78081	19.020	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	93952	19.196	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	7950	19.135	ug/l	94
82) 4-Chlorotoluene	11.457	91	89452	18.959	ug/l	99
83) tert-Butylbenzene	11.713	119	86106	18.846	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	93437	19.087	ug/l	98
85) sec-Butylbenzene	11.890	105	116031	19.634	ug/l	100
86) p-Isopropyltoluene	12.012	119	98258	19.817	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	48320	18.955	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	48297	18.718	ug/l	98
89) n-Butylbenzene	12.335	91	85081	19.996	ug/l	99
90) Hexachloroethane	12.536	117	13675	17.985	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	46511	19.307	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	6809	17.680	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	28208	18.263	ug/l	99
94) Hexachlorobutadiene	13.725	225	12796	19.626	ug/l	96
95) Naphthalene	13.774	128	95775	18.591	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	27526	18.122	ug/l	97

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

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