

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020122\
 Data File : VX026701.D
 Acq On : 01 Feb 2022 13:02
 Operator : JC/MD
 Sample : VX0201WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0201WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/02/2022
 Supervised By : Mahesh Dadoda 02/02/2022

Quant Time: Feb 02 04:34:42 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	89547	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	143507	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	132101	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	60693	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	58269	46.582	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 93.160%			
35) Dibromofluoromethane	5.385	113	47641	51.408	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.820%			
50) Toluene-d8	8.647	98	176598	52.881	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.760%			
62) 4-Bromofluorobenzene	11.079	95	66912	56.403	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 112.800%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.172	85	16351	15.463	ug/l	99
3) Chloromethane	1.294	50	16187	16.699	ug/l	100
4) Vinyl Chloride	1.380	62	16752	16.460	ug/l	98
5) Bromomethane	1.617	94	9495	20.225	ug/l	97
6) Chloroethane	1.691	64	8967	17.424	ug/l	100
7) Trichlorofluoromethane	1.892	101	26403	16.432	ug/l	96
8) Diethyl Ether	2.136	74	10219	17.973	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.337	101	18067	18.451	ug/l	99
10) Methyl Iodide	2.459	142	21762	23.255	ug/l	96
11) Tert butyl alcohol	3.001	59	16589m	95.331	ug/l	
12) 1,1-Dichloroethene	2.325	96	16483	17.625	ug/l	90
13) Acrolein	2.239	56	17419	94.203	ug/l	100
14) Allyl chloride	2.666	41	30647	17.820	ug/l	96
15) Acrylonitrile	3.068	53	56245	105.000	ug/l	98
16) Acetone	2.392	43	58353	91.475	ug/l	96
17) Carbon Disulfide	2.520	76	40203	14.724	ug/l	98
18) Methyl Acetate	2.709	43	26262	20.708	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	61718	18.188	ug/l	99
20) Methylene Chloride	2.794	84	19838	18.822	ug/l	98
21) trans-1,2-Dichloroethene	3.099	96	18362	18.137	ug/l	97
22) Diisopropyl ether	3.757	45	65352	18.707	ug/l #	86
23) Vinyl Acetate	3.721	43	269209	93.616	ug/l	99
24) 1,1-Dichloroethane	3.611	63	34737	18.412	ug/l	98
25) 2-Butanone	4.562	43	81376	98.092	ug/l	100
26) 2,2-Dichloropropane	4.483	77	25471	18.213	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	21835	18.897	ug/l	97
28) Bromochloromethane	4.903	49	13808	17.824	ug/l	96
29) Tetrahydrofuran	5.013	42	49651	100.772	ug/l	100
30) Chloroform	5.092	83	36485	18.612	ug/l	100
31) Cyclohexane	5.477	56	31225	16.924	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	31466	18.249	ug/l	99
36) 1,1-Dichloropropene	5.696	75	26127	17.859	ug/l	99
37) Ethyl Acetate	4.714	43	29510	19.941	ug/l	98
38) Carbon Tetrachloride	5.678	117	27348	18.173	ug/l	98
39) Methylcyclohexane	7.385	83	32298	18.303	ug/l	96
40) Benzene	6.044	78	77640	19.201	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	17073	20.366	ug/l	97
42) 1,2-Dichloroethane	6.086	62	29118	18.405	ug/l	98
43) Isopropyl Acetate	6.336	43	47192	19.741	ug/l	99
44) Trichloroethene	7.129	130	22423	19.542	ug/l	92
45) 1,2-Dichloropropane	7.434	63	20138	19.951	ug/l	94
46) Dibromomethane	7.580	93	14410	20.252	ug/l	99
47) Bromodichloromethane	7.824	83	27942	19.436	ug/l	99
48) Methyl methacrylate	7.690	41	23088	19.488	ug/l	97
49) 1,4-Dioxane	7.696	88	6969	358.453	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	153178	108.030	ug/l	98
52) Toluene	8.720	92	50607	20.409	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	27233	18.933	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	30914	20.021	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	21160	21.867	ug/l	97
56) Ethyl methacrylate	9.116	69	31731	21.397	ug/l	96
57) 1,3-Dichloropropane	9.311	76	34731	20.702	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	81288	104.536	ug/l	98
59) 2-Hexanone	9.433	43	115545	106.470	ug/l	98
60) Dibromochloromethane	9.525	129	21949	21.767	ug/l	99
61) 1,2-Dibromoethane	9.610	107	21341	21.165	ug/l	100
64) Tetrachloroethene	9.275	164	23993	19.227	ug/l	96
65) Chlorobenzene	10.079	112	55481	19.944	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	20433	19.768	ug/l	99
67) Ethyl Benzene	10.195	91	97302	19.248	ug/l	99
68) m/p-Xylenes	10.305	106	75619	39.971	ug/l	98
69) o-Xylene	10.640	106	36980	20.258	ug/l	98
70) Styrene	10.659	104	62005	20.816	ug/l	98
71) Bromoform	10.799	173	14859	20.185	ug/l #	98
73) Isopropylbenzene	10.963	105	97843	19.667	ug/l	99
74) N-amyl acetate	10.841	43	37209	19.374	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	26910	20.152	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	27871m	20.856	ug/l	
77) Bromobenzene	11.201	156	23218	20.372	ug/l	96
78) n-propylbenzene	11.305	91	111134	19.589	ug/l	99
79) 2-Chlorotoluene	11.366	91	67682	19.674	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	81622	19.901	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	7339	20.574	ug/l	99
82) 4-Chlorotoluene	11.457	91	77007	19.476	ug/l	98
83) tert-Butylbenzene	11.713	119	77600	20.267	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	80329	19.582	ug/l	97
85) sec-Butylbenzene	11.890	105	100626	20.318	ug/l	99
86) p-Isopropyltoluene	12.012	119	83553	20.109	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	42334	19.817	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	41957	19.404	ug/l	97
89) n-Butylbenzene	12.335	91	70934	19.894	ug/l	99
90) Hexachloroethane	12.542	117	12576	19.525	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	41314	20.464	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	5884	18.232	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	25810	19.941	ug/l	99
94) Hexachlorobutadiene	13.725	225	11385	20.837	ug/l	98
95) Naphthalene	13.774	128	84118	19.484	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	25159	19.765	ug/l	98

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

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