

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012522\
 Data File : VX026562.D
 Acq On : 25 Jan 2022 12:31
 Operator : JC/MD
 Sample : VX0125WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0125WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/26/2022
 Supervised By : Mahesh Dadoda 01/26/2022

Quant Time: Jan 26 06:11:13 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	95458	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	153359	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	131668	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	61657	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	63301	47.471	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.940%		
35) Dibromofluoromethane	5.385	113	49260	49.740	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.480%		
50) Toluene-d8	8.653	98	177905	49.850	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.700%		
62) 4-Bromofluorobenzene	11.079	95	63785	50.313	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.620%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	18471	16.387	ug/l	100
3) Chloromethane	1.294	50	17945	17.366	ug/l	99
4) Vinyl Chloride	1.374	62	19233	17.728	ug/l	98
5) Bromomethane	1.617	94	9499	18.980	ug/l	94
6) Chloroethane	1.691	64	11305	20.607	ug/l	95
7) Trichlorofluoromethane	1.892	101	30481	17.795	ug/l	99
8) Diethyl Ether	2.136	74	11422	18.845	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	19777	18.946	ug/l	99
10) Methyl Iodide	2.459	142	24531	24.335	ug/l	98
11) Tert butyl alcohol	2.983	59	17989	96.975	ug/l	95
12) 1,1-Dichloroethene	2.325	96	18289	18.345	ug/l	93
13) Acrolein	2.239	56	22175	112.498	ug/l	99
14) Allyl chloride	2.666	41	34602	18.874	ug/l	97
15) Acrylonitrile	3.068	53	57913	101.419	ug/l	99
16) Acetone	2.386	43	62057	91.257	ug/l	98
17) Carbon Disulfide	2.514	76	48103	16.527	ug/l	100
18) Methyl Acetate	2.709	43	27411	20.276	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	68378	18.903	ug/l	98
20) Methylene Chloride	2.794	84	20680	18.406	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	20138	18.659	ug/l	99
22) Diisopropyl ether	3.757	45	71744	19.265	ug/l #	79
23) Vinyl Acetate	3.727	43	300807	98.127	ug/l	100
24) 1,1-Dichloroethane	3.617	63	38296	19.041	ug/l	99
25) 2-Butanone	4.562	43	85985	97.230	ug/l	99
26) 2,2-Dichloropropane	4.483	77	27646	18.544	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	23452	19.040	ug/l	100
28) Bromochloromethane	4.897	49	15601	18.891	ug/l	100
29) Tetrahydrofuran	5.013	42	52414	99.792	ug/l	99
30) Chloroform	5.105	83	40130	19.203	ug/l	96
31) Cyclohexane	5.477	56	35175	17.884	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	34413	18.722	ug/l	99
36) 1,1-Dichloropropene	5.696	75	28786	18.412	ug/l	98
37) Ethyl Acetate	4.714	43	32899	20.802	ug/l	98
38) Carbon Tetrachloride	5.678	117	30233	18.800	ug/l	98
39) Methylcyclohexane	7.385	83	35490	18.820	ug/l	98
40) Benzene	6.044	78	84504	19.555	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	17965	20.053	ug/l	98
42) 1,2-Dichloroethane	6.092	62	32388	19.157	ug/l	99
43) Isopropyl Acetate	6.342	43	51433	20.133	ug/l	99
44) Trichloroethene	7.129	130	24254	19.780	ug/l	98
45) 1,2-Dichloropropane	7.434	63	21699	20.117	ug/l	96
46) Dibromomethane	7.586	93	14978	19.698	ug/l	97
47) Bromodichloromethane	7.824	83	30344	19.751	ug/l	99
48) Methyl methacrylate	7.696	41	25088	19.816	ug/l	97
49) 1,4-Dioxane	7.683	88	8402	404.397	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	161012	106.260	ug/l	99
52) Toluene	8.720	92	52564	19.836	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	28896	18.812	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	32947	19.966	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	21493	20.784	ug/l	98
56) Ethyl methacrylate	9.116	69	32384	20.434	ug/l	99
57) 1,3-Dichloropropane	9.311	76	36741	20.493	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	90975	109.477	ug/l	99
59) 2-Hexanone	9.433	43	122633	105.742	ug/l	99
60) Dibromochloromethane	9.525	129	22216	20.616	ug/l	99
61) 1,2-Dibromoethane	9.610	107	22125	20.533	ug/l	97
64) Tetrachloroethene	9.275	164	24846	19.976	ug/l	97
65) Chlorobenzene	10.079	112	54499	19.655	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	20519	19.916	ug/l	100
67) Ethyl Benzene	10.195	91	98366	19.522	ug/l	100
68) m/p-Xylenes	10.305	106	75535	40.058	ug/l	99
69) o-Xylene	10.640	106	36500	20.060	ug/l	99
70) Styrene	10.659	104	60250	20.293	ug/l	99
71) Bromoform	10.805	173	14400	19.688	ug/l #	99
73) Isopropylbenzene	10.963	105	97129	19.218	ug/l	99
74) N-amyl acetate	10.841	43	37410	19.174	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	27400	20.198	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	27715m	20.415	ug/l	
77) Bromobenzene	11.201	156	22576	19.499	ug/l	98
78) n-propylbenzene	11.305	91	110394	19.155	ug/l	100
79) 2-Chlorotoluene	11.366	91	66324	18.977	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	81099	19.464	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	7743	21.176	ug/l	99
82) 4-Chlorotoluene	11.457	91	76927	19.152	ug/l	99
83) tert-Butylbenzene	11.713	119	75533	19.419	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	80889	19.410	ug/l	99
85) sec-Butylbenzene	11.890	105	97940	19.467	ug/l	99
86) p-Isopropyltoluene	12.012	119	83755	19.842	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	42154	19.424	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	42368	19.288	ug/l	97
89) n-Butylbenzene	12.335	91	69837	19.280	ug/l	99
90) Hexachloroethane	12.542	117	12000	18.471	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	41464	20.218	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	6498	19.819	ug/l	99
93) 1,2,4-Trichlorobenzene	13.591	180	25644	19.503	ug/l	99
94) Hexachlorobutadiene	13.725	225	11033	19.877	ug/l	99
95) Naphthalene	13.780	128	88500	20.179	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	25546	19.755	ug/l	100

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

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