

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011822\
 Data File : VX026504.D
 Acq On : 18 Jan 2022 16:54
 Operator : JC/MD
 Sample : VX0118WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0118WBSD02

Quant Time: Jan 18 17:20:46 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

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/19/2022
 Supervised By : Mahesh Dadoda 01/19/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	107940	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	174651	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	149672	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	68347	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	72687	48.206	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.420%		
35) Dibromofluoromethane	5.391	113	56865	50.419	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.840%		
50) Toluene-d8	8.647	98	204514	50.320	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.640%		
62) 4-Bromofluorobenzene	11.079	95	74334	51.486	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.980%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.172	85	22296	17.493	ug/l	100
3) Chloromethane	1.294	50	21235	18.174	ug/l	100
4) Vinyl Chloride	1.380	62	22253	18.139	ug/l	99
5) Bromomethane	1.617	94	11425	20.189	ug/l	97
6) Chloroethane	1.690	64	12792	20.621	ug/l	96
7) Trichlorofluoromethane	1.892	101	34941	18.040	ug/l	100
8) Diethyl Ether	2.136	74	12726	18.568	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.337	101	22340	18.927	ug/l	99
10) Methyl Iodide	2.459	142	26639	23.546	ug/l	100
11) Tert butyl alcohol	2.989	59	18945	90.319	ug/l	96
12) 1,1-Dichloroethene	2.324	96	20727	18.387	ug/l	97
13) Acrolein	2.239	56	25848	115.968	ug/l	100
14) Allyl chloride	2.672	41	38909	18.769	ug/l	98
15) Acrylonitrile	3.068	53	61931	95.914	ug/l	100
16) Acetone	2.385	43	64559	83.958	ug/l	100
17) Carbon Disulfide	2.520	76	57123	17.356	ug/l	100
18) Methyl Acetate	2.709	43	29070	19.016	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	75939	18.565	ug/l	100
20) Methylene Chloride	2.794	84	23298	18.338	ug/l	99
21) trans-1,2-Dichloroethene	3.099	96	23085	18.916	ug/l	99
22) Diisopropyl ether	3.763	45	80666	19.156	ug/l	100
23) Vinyl Acetate	3.727	43	334451	96.486	ug/l	99
24) 1,1-Dichloroethane	3.611	63	42276	18.589	ug/l	99
25) 2-Butanone	4.562	43	90563	90.564	ug/l	99
26) 2,2-Dichloropropane	4.483	77	30488	18.086	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	26318	18.896	ug/l	99
28) Bromochloromethane	4.903	49	19088	20.441	ug/l	98
29) Tetrahydrofuran	5.007	42	55845	94.030	ug/l	100
30) Chloroform	5.098	83	46752	19.785	ug/l	99
31) Cyclohexane	5.476	56	40911	18.395	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	39252	18.885	ug/l	99
36) 1,1-Dichloropropene	5.696	75	33394	18.756	ug/l	100
37) Ethyl Acetate	4.714	43	35469	19.693	ug/l	99
38) Carbon Tetrachloride	5.684	117	34382	18.773	ug/l	99
39) Methylcyclohexane	7.385	83	40709	18.956	ug/l	97
40) Benzene	6.043	78	93471	18.994	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	20084	19.685	ug/l	99
42) 1,2-Dichloroethane	6.092	62	36351	18.879	ug/l	98
43) Isopropyl Acetate	6.342	43	56285	19.346	ug/l	100
44) Trichloroethene	7.128	130	27312	19.559	ug/l	94
45) 1,2-Dichloropropane	7.433	63	24094	19.614	ug/l	100
46) Dibromomethane	7.586	93	17037	19.675	ug/l	98
47) Bromodichloromethane	7.824	83	33562	19.182	ug/l	100
48) Methyl methacrylate	7.695	41	27843	19.311	ug/l	98
49) 1,4-Dioxane	7.689	88	8650	365.578	ug/l	98
51) 4-Methyl-2-Pentanone	8.573	43	174079	100.878	ug/l	100
52) Toluene	8.720	92	58236	19.297	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	31942	18.315	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	36850	19.609	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	23476	19.934	ug/l	96
56) Ethyl methacrylate	9.116	69	36221	20.069	ug/l	98
57) 1,3-Dichloropropane	9.311	76	40534	19.853	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	90630	95.766	ug/l	100
59) 2-Hexanone	9.433	43	131068	99.237	ug/l	100
60) Dibromochloromethane	9.524	129	23946	19.512	ug/l	99
61) 1,2-Dibromoethane	9.610	107	23843	19.429	ug/l	100
64) Tetrachloroethene	9.274	164	27548	19.484	ug/l	95
65) Chlorobenzene	10.079	112	60657	19.245	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	22488	19.202	ug/l	99
67) Ethyl Benzene	10.195	91	109081	19.045	ug/l	100
68) m/p-Xylenes	10.305	106	83788	39.090	ug/l	100
69) o-Xylene	10.640	106	40411	19.538	ug/l	99
70) Styrene	10.658	104	66995	19.851	ug/l	99
71) Bromoform	10.799	173	15501	18.763	ug/l #	100
73) Isopropylbenzene	10.963	105	107543	19.196	ug/l	99
74) N-amyl acetate	10.841	43	42034	19.435	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	29713	19.760	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	30554m	20.304	ug/l	
77) Bromobenzene	11.201	156	24622	19.184	ug/l	98
78) n-propylbenzene	11.305	91	123892	19.393	ug/l	100
79) 2-Chlorotoluene	11.366	91	73957	19.090	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	90839	19.668	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	7775	19.650	ug/l	96
82) 4-Chlorotoluene	11.457	91	85557	19.216	ug/l	100
83) tert-Butylbenzene	11.719	119	84543	19.608	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	89679	19.413	ug/l	99
85) sec-Butylbenzene	11.890	105	109078	19.558	ug/l	99
86) p-Isopropyltoluene	12.012	119	92696	19.811	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	46382	19.280	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	46609	19.141	ug/l	98
89) n-Butylbenzene	12.335	91	79658	19.839	ug/l	99
90) Hexachloroethane	12.542	117	13144	18.278	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	44761	19.689	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	7064	19.437	ug/l	100
93) 1,2,4-Trichlorobenzene	13.591	180	28182	19.335	ug/l	99
94) Hexachlorobutadiene	13.725	225	11851	19.261	ug/l	99
95) Naphthalene	13.780	128	96690	19.888	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	28292	19.737	ug/l	99

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

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