

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111721\
 Data File : VX025198.D
 Acq On : 17 Nov 2021 19:45
 Operator : JC/MD
 Sample : VX1117WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1117WBS01

Quant Time: Nov 18 06:27:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 17 15:36:16 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/18/2021
 Supervised By : Mahesh Dadoda 11/18/2021

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	114041	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	178620	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	164123	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	81002	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	63440	52.776	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.560%			
35) Dibromofluoromethane	5.391	113	57471	52.439	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.880%			
50) Toluene-d8	8.653	98	215206	52.226	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 104.460%			
62) 4-Bromofluorobenzene	11.085	95	78406	50.296	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.600%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	22847	23.111	ug/l	100
3) Chloromethane	1.294	50	25270	20.645	ug/l	100
4) Vinyl Chloride	1.374	62	28443	21.165	ug/l	99
5) Bromomethane	1.599	94	19917	34.472	ug/l	99
6) Chloroethane	1.684	64	18568	20.025	ug/l	99
7) Trichlorofluoromethane	1.886	101	43656	21.887	ug/l	99
8) Diethyl Ether	2.136	74	16485	20.026	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.325	101	21897	20.632	ug/l	96
10) Methyl Iodide	2.453	142	25117	18.928	ug/l	92
11) Tert butyl alcohol	2.965	59	34321	110.432	ug/l	97
12) 1,1-Dichloroethene	2.319	96	21753	20.580	ug/l	88
13) Acrolein	2.233	56	5601	101.708	ug/l	95
14) Allyl chloride	2.666	41	37381	19.541	ug/l	94
15) Acrylonitrile	3.068	53	69098	107.119	ug/l	98
16) Acetone	2.379	43	61381	91.896	ug/l	96
17) Carbon Disulfide	2.507	76	57318	19.277	ug/l	97
18) Methyl Acetate	2.703	43	44012	20.623	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	75028	20.372	ug/l	99
20) Methylene Chloride	2.788	84	24474	19.492	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	23154	19.996	ug/l	85
22) Diisopropyl ether	3.763	45	72406	19.875	ug/l	98
23) Vinyl Acetate	3.727	43	294626	100.683	ug/l	96
24) 1,1-Dichloroethane	3.611	63	40603	20.398	ug/l	98
25) 2-Butanone	4.562	43	97858	101.334	ug/l	98
26) 2,2-Dichloropropane	4.477	77	35319	19.571	ug/l	96
27) cis-1,2-Dichloroethene	4.495	96	27246	20.149	ug/l	90
28) Bromochloromethane	4.903	49	19184	20.668	ug/l	90
29) Tetrahydrofuran	5.013	42	63067	105.474	ug/l	98
30) Chloroform	5.098	83	42430	20.482	ug/l	96
31) Cyclohexane	5.470	56	37572	20.226	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	38138	20.109	ug/l	96
36) 1,1-Dichloropropene	5.696	75	30655	19.671	ug/l	96
37) Ethyl Acetate	4.721	43	36692	20.694	ug/l	98
38) Carbon Tetrachloride	5.678	117	34816	20.284	ug/l	99
39) Methylcyclohexane	7.385	83	39566	19.793	ug/l	95
40) Benzene	6.037	78	93710	19.850	ug/l	98

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41) Methacrylonitrile	4.922	41	19935	20.257	ug/l	97
42) 1,2-Dichloroethane	6.092	62	31599	20.571	ug/l	92
43) Isopropyl Acetate	6.348	43	60228	20.411	ug/l	98
44) Trichloroethene	7.129	130	27406	19.984	ug/l	93
45) 1,2-Dichloropropane	7.433	63	23653	20.400	ug/l	98
46) Dibromomethane	7.586	93	17268	20.515	ug/l	93
47) Bromodichloromethane	7.824	83	33107	20.015	ug/l	98
48) Methyl methacrylate	7.696	41	27324	19.731	ug/l	95
49) 1,4-Dioxane	7.659	88	12939	442.440	ug/l	95
51) 4-Methyl-2-Pentanone	8.573	43	190037	102.707	ug/l	96
52) Toluene	8.720	92	61724	20.027	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	36016	19.580	ug/l	100
54) cis-1,3-Dichloropropene	8.372	75	38662	19.390	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	25314	20.665	ug/l	96
56) Ethyl methacrylate	9.122	69	40183	20.214	ug/l	94
57) 1,3-Dichloropropane	9.311	76	40657	20.025	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	89318	96.575	ug/l	94
59) 2-Hexanone	9.433	43	145980	100.075	ug/l	95
60) Dibromochloromethane	9.525	129	28189	19.994	ug/l	99
61) 1,2-Dibromoethane	9.610	107	26888	20.266	ug/l	98
64) Tetrachloroethene	9.275	164	27928	20.636	ug/l	94
65) Chlorobenzene	10.079	112	67890	20.299	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	26112	20.359	ug/l	99
67) Ethyl Benzene	10.195	91	115988	20.068	ug/l	98
68) m/p-Xylenes	10.305	106	93507	39.609	ug/l	93
69) o-Xylene	10.646	106	46497	20.124	ug/l	91
70) Styrene	10.658	104	75912	19.887	ug/l	96
71) Bromoform	10.799	173	21774	19.554	ug/l #	99
73) Isopropylbenzene	10.963	105	117865	20.417	ug/l	97
74) N-amyl acetate	10.847	43	48438	19.399	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	37664	20.170	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	34880m	21.028	ug/l	
77) Bromobenzene	11.201	156	30600	20.611	ug/l	93
78) n-propylbenzene	11.305	91	130264	20.102	ug/l	97
79) 2-Chlorotoluene	11.366	91	78751	19.962	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	98581	20.315	ug/l	94
81) trans-1,4-Dichloro-2-b...	11.018	75	12717	19.313	ug/l	90
82) 4-Chlorotoluene	11.457	91	88655	19.686	ug/l	94
83) tert-Butylbenzene	11.719	119	99535	20.184	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	98333	20.503	ug/l	95
85) sec-Butylbenzene	11.896	105	122985	20.513	ug/l	97
86) p-Isopropyltoluene	12.012	119	103444	20.082	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	55645	20.134	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	56045	20.013	ug/l	97
89) n-Butylbenzene	12.335	91	83526	19.238	ug/l	97
90) Hexachloroethane	12.542	117	18602	19.596	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	54408	20.201	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	8620	22.100	ug/l	86
93) 1,2,4-Trichlorobenzene	13.591	180	33339	21.031	ug/l	99
94) Hexachlorobutadiene	13.725	225	14918	19.599	ug/l	98
95) Naphthalene	13.780	128	111387	20.156	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	33224	21.424	ug/l	99

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

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