

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111721\
 Data File : VX025199.D
 Acq On : 17 Nov 2021 20:08
 Operator : JC/MD
 Sample : VX1117WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1117WBSD01

Quant Time: Nov 18 06:28:14 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	116881	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	182746	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	167397	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	83831	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	62569	50.786	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.580%			
35) Dibromofluoromethane	5.391	113	57059	50.888	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.780%			
50) Toluene-d8	8.653	98	212008	50.289	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.580%			
62) 4-Bromofluorobenzene	11.085	95	76700	48.091	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.180%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	22963	22.664	ug/l	96
3) Chloromethane	1.294	50	25087	19.998	ug/l	100
4) Vinyl Chloride	1.374	62	28814	20.920	ug/l	100
5) Bromomethane	1.599	94	18941	31.986	ug/l	99
6) Chloroethane	1.685	64	18011	18.952	ug/l	99
7) Trichlorofluoromethane	1.886	101	43183	21.123	ug/l	100
8) Diethyl Ether	2.136	74	16428	19.472	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.325	101	22290	20.492	ug/l	97
10) Methyl Iodide	2.453	142	26855	19.746	ug/l	94
11) Tert butyl alcohol	2.965	59	32668	101.898	ug/l	97
12) 1,1-Dichloroethene	2.319	96	21274	19.638	ug/l	84
13) Acrolein	2.233	56	5997	106.253	ug/l	98
14) Allyl chloride	2.660	41	37033	18.889	ug/l	94
15) Acrylonitrile	3.062	53	66859	101.129	ug/l	98
16) Acetone	2.380	43	58428	85.349	ug/l	91
17) Carbon Disulfide	2.508	76	57521	18.875	ug/l	100
18) Methyl Acetate	2.709	43	42382	19.377	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	74211	19.661	ug/l	99
20) Methylene Chloride	2.788	84	24328	18.905	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	23126	19.487	ug/l	87
22) Diisopropyl ether	3.763	45	72531	19.426	ug/l	99
23) Vinyl Acetate	3.727	43	291362	97.149	ug/l	96
24) 1,1-Dichloroethane	3.611	63	40435	19.820	ug/l	97
25) 2-Butanone	4.562	43	94499	95.478	ug/l	100
26) 2,2-Dichloropropane	4.477	77	34679	18.749	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	27361	19.743	ug/l	90
28) Bromochloromethane	4.897	49	19468	20.465	ug/l	91
29) Tetrahydrofuran	5.013	42	59725	97.458	ug/l	96
30) Chloroform	5.099	83	42173	19.864	ug/l	99
31) Cyclohexane	5.470	56	36635	19.243	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	37844	19.469	ug/l	97
36) 1,1-Dichloropropene	5.696	75	30839	19.342	ug/l	98
37) Ethyl Acetate	4.721	43	35107	19.353	ug/l	99
38) Carbon Tetrachloride	5.684	117	34590	19.697	ug/l	99
39) Methylcyclohexane	7.385	83	39348	19.240	ug/l	92
40) Benzene	6.044	78	93623	19.384	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	19090	18.960	ug/l	96
42) 1,2-Dichloroethane	6.086	62	31462	20.020	ug/l	92
43) Isopropyl Acetate	6.342	43	58811	19.481	ug/l	98
44) Trichloroethene	7.129	130	27921	19.900	ug/l	90
45) 1,2-Dichloropropane	7.434	63	23684	19.965	ug/l	98
46) Dibromomethane	7.580	93	17058	19.808	ug/l	92
47) Bromodichloromethane	7.824	83	32695	19.320	ug/l	97
48) Methyl methacrylate	7.696	41	26780	18.901	ug/l	95
49) 1,4-Dioxane	7.659	88	12203	407.852	ug/l	95
51) 4-Methyl-2-Pentanone	8.580	43	186067	98.291	ug/l	97
52) Toluene	8.720	92	61319	19.446	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	35997	19.128	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	38977	19.107	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	25263	20.158	ug/l	96
56) Ethyl methacrylate	9.122	69	39637	19.489	ug/l	96
57) 1,3-Dichloropropane	9.311	76	40912	19.695	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	96250	101.720	ug/l	95
59) 2-Hexanone	9.433	43	143416	96.097	ug/l	96
60) Dibromochloromethane	9.525	129	28228	19.569	ug/l	98
61) 1,2-Dibromoethane	9.616	107	26712	19.679	ug/l	96
64) Tetrachloroethene	9.275	164	27492	19.917	ug/l	98
65) Chlorobenzene	10.079	112	67661	19.835	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	25902	19.800	ug/l	99
67) Ethyl Benzene	10.195	91	116707	19.798	ug/l	99
68) m/p-Xylenes	10.305	106	93646	38.892	ug/l	92
69) o-Xylene	10.646	106	46470	19.719	ug/l	91
70) Styrene	10.659	104	75832	19.478	ug/l	97
71) Bromoform	10.805	173	21904	19.286	ug/l #	100
73) Isopropylbenzene	10.963	105	118143	19.774	ug/l	97
74) N-amyl acetate	10.848	43	48232	18.664	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	37985	19.656	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	34558m	20.131	ug/l	
77) Bromobenzene	11.201	156	30347	19.751	ug/l	93
78) n-propylbenzene	11.305	91	130791	19.503	ug/l	97
79) 2-Chlorotoluene	11.366	91	79819	19.550	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	98341	19.582	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	12482	18.317	ug/l	91
82) 4-Chlorotoluene	11.457	91	89742	19.255	ug/l	96
83) tert-Butylbenzene	11.719	119	99622	19.519	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	98590	19.863	ug/l	96
85) sec-Butylbenzene	11.890	105	122709	19.777	ug/l	96
86) p-Isopropyltoluene	12.012	119	104031	19.514	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	55550	19.422	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	55409	19.119	ug/l	99
89) n-Butylbenzene	12.335	91	83583	18.601	ug/l	97
90) Hexachloroethane	12.542	117	18702	19.037	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	54497	19.551	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	8230	20.388	ug/l	84
93) 1,2,4-Trichlorobenzene	13.591	180	33318	20.308	ug/l	98
94) Hexachlorobutadiene	13.725	225	14996	19.036	ug/l	98
95) Naphthalene	13.780	128	109516	19.130	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	33322	20.762	ug/l	98

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

