

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081721\
 Data File : VX023778.D
 Acq On : 17 Aug 2021 21:35
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/19/2021 5:56:20 PM

Quant Time: Aug 18 06:13:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 11:57:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	195430	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	314214	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	305890	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	144416	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	135061	49.517	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.040%		
35) Dibromofluoromethane	5.397	113	102547	49.309	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.620%		
50) Toluene-d8	8.653	98	389681	49.230	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.460%		
62) 4-Bromofluorobenzene	11.085	95	150650	51.701	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.400%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	106354	51.580	ug/l	96
3) Chloromethane	1.294	50	113914	50.326	ug/l	99
4) Vinyl Chloride	1.374	62	111228	50.385	ug/l	98
5) Bromomethane	1.599	94	71116	51.238	ug/l	98
6) Chloroethane	1.678	64	72459	44.641	ug/l	98
7) Trichlorofluoromethane	1.886	101	181276	51.999	ug/l	97
8) Diethyl Ether	2.142	74	63314	52.006	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.325	101	99305	50.623	ug/l	96
10) Methyl Iodide	2.453	142	142107	52.027	ug/l	95
11) Tert butyl alcohol	2.983	59	145750	264.230	ug/l	98
12) 1,1-Dichloroethene	2.318	96	98537	52.538	ug/l	98
13) Acrolein	2.245	56	77424	235.868	ug/l	98
14) Allyl chloride	2.666	41	175059	50.647	ug/l	92
15) Acrylonitrile	3.074	53	320520	260.791	ug/l	98
16) Acetone	2.392	43	293926	241.007	ug/l	92
17) Carbon Disulfide	2.514	76	229257	51.251	ug/l	99
18) Methyl Acetate	2.715	43	157678	51.791	ug/l	91
19) Methyl tert-butyl Ether	3.123	73	338140	51.801	ug/l	100
20) Methylene Chloride	2.794	84	113527	48.733	ug/l	89
21) trans-1,2-Dichloroethene	3.093	96	104101	51.964	ug/l	97
22) Diisopropyl ether	3.776	45	354944	51.560	ug/l	93
23) Vinyl Acetate	3.733	43	1467501	263.517	ug/l	94
24) 1,1-Dichloroethane	3.617	63	196250	51.223	ug/l	98
25) 2-Butanone	4.568	43	479873	259.781	ug/l	93
26) 2,2-Dichloropropane	4.483	77	138322	43.989	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	119831	50.269	ug/l	96
28) Bromochloromethane	4.910	49	85288	48.959	ug/l	93
29) Tetrahydrofuran	5.019	42	312677	261.325	ug/l	89
30) Chloroform	5.105	83	202791	49.989	ug/l	99
31) Cyclohexane	5.476	56	178345	50.894	ug/l	95
32) 1,1,1-Trichloroethane	5.397	97	179207	51.590	ug/l	97
36) 1,1-Dichloropropene	5.702	75	150681	51.783	ug/l	99
37) Ethyl Acetate	4.727	43	180445	50.448	ug/l	95
38) Carbon Tetrachloride	5.684	117	155513	51.251	ug/l	99
39) Methylcyclohexane	7.385	83	185057	52.232	ug/l	97
40) Benzene	6.050	78	440436	51.188	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	99521	51.325	ug/l	93
42) 1,2-Dichloroethane	6.098	62	173702	51.366	ug/l	95
43) Isopropyl Acetate	6.354	43	285642	51.054	ug/l	93
44) Trichloroethene	7.135	130	118887	50.018	ug/l	99
45) 1,2-Dichloropropane	7.440	63	114536	50.129	ug/l	98
46) Dibromomethane	7.586	93	81122	51.020	ug/l	97
47) Bromodichloromethane	7.830	83	149636	52.022	ug/l	99
48) Methyl methacrylate	7.702	41	144182	52.827	ug/l	86
49) 1,4-Dioxane	7.665	88	62232	1078.859	ug/l #	96
51) 4-Methyl-2-Pentanone	8.580	43	980982	271.243	ug/l	90
52) Toluene	8.726	92	285024	51.121	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	169832	45.894	ug/l	98
54) cis-1,3-Dichloropropene	8.372	75	177160	50.829	ug/l #	89
55) 1,1,2-Trichloroethane	9.159	97	119538	52.077	ug/l	98
56) Ethyl methacrylate	9.122	69	191616	48.872	ug/l #	81
57) 1,3-Dichloropropane	9.311	76	195905	51.457	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.250	63	466243	252.246	ug/l	97
59) 2-Hexanone	9.433	43	771153	277.392	ug/l	87
60) Dibromochloromethane	9.525	129	118759	46.952	ug/l	98
61) 1,2-Dibromoethane	9.616	107	126354	52.106	ug/l	100
64) Tetrachloroethene	9.275	164	120507	49.324	ug/l	93
65) Chlorobenzene	10.085	112	319437	50.044	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	115465	50.824	ug/l	99
67) Ethyl Benzene	10.195	91	564320	50.627	ug/l	100
68) m/p-Xylenes	10.305	106	437402	103.024	ug/l	100
69) o-Xylene	10.646	106	216873	51.981	ug/l	98
70) Styrene	10.658	104	358487	52.742	ug/l	97
71) Bromoform	10.805	173	85646	46.534	ug/l #	97
73) Isopropylbenzene	10.963	105	572313	51.956	ug/l	99
74) N-amyl acetate	10.847	43	260101	52.250	ug/l	89
75) 1,1,2,2-Tetrachloroethane	11.213	83	180069	49.880	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	167146m	49.615	ug/l	
77) Bromobenzene	11.201	156	139989	51.598	ug/l	97
78) n-propylbenzene	11.311	91	657941	52.222	ug/l	100
79) 2-Chlorotoluene	11.366	91	393774	51.711	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	480699	53.103	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	55547	48.501	ug/l	87
82) 4-Chlorotoluene	11.457	91	450352	52.103	ug/l	99
83) tert-Butylbenzene	11.719	119	460815	52.414	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	473559	52.467	ug/l	99
85) sec-Butylbenzene	11.896	105	596593	53.598	ug/l	100
86) p-Isopropyltoluene	12.012	119	490360	53.527	ug/l	97
87) 1,3-Dichlorobenzene	11.975	146	252905	51.523	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	250570	51.183	ug/l	99
89) n-Butylbenzene	12.335	91	427292	52.239	ug/l	98
90) Hexachloroethane	12.542	117	78954	49.459	ug/l	93
91) 1,2-Dichlorobenzene	12.341	146	243336	51.171	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	40108	47.497	ug/l	89
93) 1,2,4-Trichlorobenzene	13.591	180	146509	51.191	ug/l	99
94) Hexachlorobutadiene	13.725	225	63332	49.648	ug/l	99
95) Naphthalene	13.780	128	519139	49.168	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	150580	52.828	ug/l	99

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

