

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080921\
 Data File : VX023603.D
 Acq On : 09 Aug 2021 10:36
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/11/2021 5:17:02 PM

Quant Time: Aug 09 14:08:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:05:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	226662	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	359454	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	340779	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	160796	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	149995	53.050	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 106.100%	
35) Dibromofluoromethane	5.391	113	117243	52.167	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.340%	
50) Toluene-d8	8.653	98	428252	51.864	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 103.720%	
62) 4-Bromofluorobenzene	11.085	95	166306	59.230	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 118.460%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	97712	46.858	ug/l	98
3) Chloromethane	1.294	50	112167	46.175	ug/l	99
4) Vinyl Chloride	1.374	62	114029	46.373	ug/l	100
5) Bromomethane	1.599	94	65033	44.548	ug/l	97
6) Chloroethane	1.679	64	73403	48.640	ug/l	96
7) Trichlorofluoromethane	1.880	101	189393	47.807	ug/l	96
8) Diethyl Ether	2.136	74	70467	48.192	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.325	101	109973	48.998	ug/l	96
10) Methyl Iodide	2.453	142	148707	52.883	ug/l	95
11) Tert butyl alcohol	2.983	59	145152	224.729	ug/l	98
12) 1,1-Dichloroethene	2.319	96	102452	46.002	ug/l	98
13) Acrolein	2.239	56	78009	237.646	ug/l	99
14) Allyl chloride	2.666	41	191272	47.238	ug/l	92
15) Acrylonitrile	3.075	53	351503	240.999	ug/l	98
16) Acetone	2.392	43	360960	260.252	ug/l	92
17) Carbon Disulfide	2.508	76	231200	42.100	ug/l	99
18) Methyl Acetate	2.709	43	164833	49.994	ug/l	91
19) Methyl tert-butyl Ether	3.123	73	393753	50.848	ug/l	97
20) Methylene Chloride	2.794	84	123674	45.841	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	110264	46.606	ug/l	94
22) Diisopropyl ether	3.770	45	404645	50.626	ug/l	97
23) Vinyl Acetate	3.727	43	1808429	256.303	ug/l	95
24) 1,1-Dichloroethane	3.611	63	216675	49.321	ug/l	98
25) 2-Butanone	4.568	43	533697	247.859	ug/l	94
26) 2,2-Dichloropropane	4.483	77	184062	51.227	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	134131	48.818	ug/l	98
28) Bromochloromethane	4.904	49	105665	51.537	ug/l	93
29) Tetrahydrofuran	5.013	42	331302	234.736	ug/l	89
30) Chloroform	5.099	83	226048	50.272	ug/l	98
31) Cyclohexane	5.471	56	190099	45.387	ug/l	93
32) 1,1,1-Trichloroethane	5.385	97	196068	51.021	ug/l	98
36) 1,1-Dichloropropene	5.696	75	159005	48.900	ug/l	99
37) Ethyl Acetate	4.727	43	198937	48.523	ug/l	94
38) Carbon Tetrachloride	5.684	117	170896	51.679	ug/l	99
39) Methylcyclohexane	7.385	83	202322	49.269	ug/l	97
40) Benzene	6.044	78	476133	49.386	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	108509	50.125	ug/l	91
42) 1,2-Dichloroethane	6.092	62	189234	53.085	ug/l	95
43) Isopropyl Acetate	6.348	43	327985	51.627	ug/l	93
44) Trichloroethene	7.129	130	131079	49.490	ug/l	97
45) 1,2-Dichloropropane	7.434	63	128932	50.538	ug/l	99
46) Dibromomethane	7.586	93	91188	52.696	ug/l	98
47) Bromodichloromethane	7.830	83	170944	54.831	ug/l	98
48) Methyl methacrylate	7.696	41	160027	54.390	ug/l	87
49) 1,4-Dioxane	7.665	88	61025	974.042	ug/l	96
51) 4-Methyl-2-Pentanone	8.580	43	1045082	268.953	ug/l	91
52) Toluene	8.720	92	310542	51.992	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	204556	51.669	ug/l	98
54) cis-1,3-Dichloropropene	8.372	75	209960	54.023	ug/l #	91
55) 1,1,2-Trichloroethane	9.153	97	135112	55.862	ug/l	99
56) Ethyl methacrylate	9.122	69	215437	55.568	ug/l #	81
57) 1,3-Dichloropropane	9.311	76	223684	54.427	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	511125	248.866	ug/l	97
59) 2-Hexanone	9.433	43	803611	272.342	ug/l	87
60) Dibromochloromethane	9.525	129	139612	51.998	ug/l	99
61) 1,2-Dibromoethane	9.616	107	143725	55.697	ug/l	98
64) Tetrachloroethene	9.275	164	128948	47.544	ug/l	94
65) Chlorobenzene	10.079	112	345450	49.528	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	130633	48.765	ug/l	99
67) Ethyl Benzene	10.195	91	613663	50.729	ug/l	100
68) m/p-Xylenes	10.305	106	469179	100.848	ug/l	98
69) o-Xylene	10.646	106	232909	50.495	ug/l	99
70) Styrene	10.659	104	392445	53.700	ug/l	98
71) Bromoform	10.805	173	98740	47.215	ug/l #	98
73) Isopropylbenzene	10.963	105	618157	50.947	ug/l	99
74) N-amyl acetate	10.848	43	285533	51.583	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.219	83	191418	48.431	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	185892m	52.535	ug/l	
77) Bromobenzene	11.201	156	151953	51.916	ug/l	97
78) n-propylbenzene	11.305	91	712219	51.866	ug/l	99
79) 2-Chlorotoluene	11.366	91	427491	52.097	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	516566	52.278	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	66984	50.902	ug/l	93
82) 4-Chlorotoluene	11.457	91	490890	52.880	ug/l	99
83) tert-Butylbenzene	11.719	119	502656	51.861	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	514525	52.349	ug/l	100
85) sec-Butylbenzene	11.896	105	650574	51.767	ug/l	99
86) p-Isopropyltoluene	12.012	119	540097	53.219	ug/l	98
87) 1,3-Dichlorobenzene	11.975	146	271142	50.073	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	274668	49.990	ug/l	100
89) n-Butylbenzene	12.335	91	485108	52.803	ug/l	98
90) Hexachloroethane	12.542	117	86972	47.931	ug/l	95
91) 1,2-Dichlorobenzene	12.341	146	263265	50.212	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	43367	45.429	ug/l	90
93) 1,2,4-Trichlorobenzene	13.591	180	166660	50.593	ug/l	98
94) Hexachlorobutadiene	13.731	225	75557	51.110	ug/l	98
95) Naphthalene	13.780	128	579362	51.154	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	170428	51.234	ug/l	99

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

