

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101121\
 Data File : VX024754.D
 Acq On : 12 Oct 2021 09:15
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/12/2021 10:17:53 AM

Quant Time: Oct 12 09:37:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 23 18:24:34 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	124603	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	201604	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	192864	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	103531	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	97744	55.659	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	111.320%
35) Dibromofluoromethane	5.391	113	73175	54.637	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	109.280%
50) Toluene-d8	8.653	98	264894	53.738	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	107.480%
62) 4-Bromofluorobenzene	11.085	95	105242	54.301	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	108.600%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	79742	63.600	ug/l	100
3) Chloromethane	1.294	50	66171	55.989	ug/l	99
4) Vinyl Chloride	1.374	62	71419	57.770	ug/l	98
5) Bromomethane	1.599	94	45195	54.317	ug/l	97
6) Chloroethane	1.685	64	44029	53.455	ug/l	99
7) Trichlorofluoromethane	1.886	101	119517	54.784	ug/l	98
8) Diethyl Ether	2.136	74	39981	53.841	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.331	101	65192	52.992	ug/l	95
10) Methyl Iodide	2.453	142	85309	49.560	ug/l	91
11) Tert butyl alcohol	2.971	59	92429	225.067	ug/l	97
12) 1,1-Dichloroethene	2.319	96	63097	55.241	ug/l	91
13) Acrolein	2.239	56	29555	308.711	ug/l	98
14) Allyl chloride	2.666	41	109126	52.257	ug/l	89
15) Acrylonitrile	3.068	53	207276	259.807	ug/l	98
16) Acetone	2.386	43	223052	303.193	ug/l	89
17) Carbon Disulfide	2.514	76	153967	52.281	ug/l	99
18) Methyl Acetate	2.709	43	145838	55.459	ug/l	91
19) Methyl tert-butyl Ether	3.123	73	237588	55.193	ug/l	100
20) Methylene Chloride	2.794	84	76085	58.089	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	71345	55.006	ug/l	92
22) Diisopropyl ether	3.770	45	236497	55.431	ug/l	97
23) Vinyl Acetate	3.727	43	972929	281.608	ug/l	94
24) 1,1-Dichloroethane	3.617	63	133349	56.292	ug/l	98
25) 2-Butanone	4.568	43	353556	292.337	ug/l	93
26) 2,2-Dichloropropane	4.483	77	69304	32.523	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	82528	54.439	ug/l	100
28) Bromochloromethane	4.904	49	58959	54.826	ug/l	97
29) Tetrahydrofuran	5.013	42	201966	262.081	ug/l	90
30) Chloroform	5.099	83	146408	55.961	ug/l	99
31) Cyclohexane	5.477	56	110126	52.370	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	131680	56.693	ug/l	99
36) 1,1-Dichloropropene	5.696	75	103762	53.688	ug/l	99
37) Ethyl Acetate	4.721	43	119339	49.457	ug/l	95
38) Carbon Tetrachloride	5.690	117	117385	55.796	ug/l	95
39) Methylcyclohexane	7.385	83	117602	51.967	ug/l	96
40) Benzene	6.044	78	301139	54.490	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	65200	52.323	ug/l	93
42) 1,2-Dichloroethane	6.092	62	126685	54.584	ug/l	94
43) Isopropyl Acetate	6.348	43	193200	52.666	ug/l	93
44) Trichloroethene	7.129	130	82395	54.188	ug/l	94
45) 1,2-Dichloropropane	7.440	63	78908	55.344	ug/l	100
46) Dibromomethane	7.586	93	57460	53.744	ug/l	98
47) Bromodichloromethane	7.830	83	110987	56.642	ug/l	97
48) Methyl methacrylate	7.696	41	106483	58.621	ug/l	87
49) 1,4-Dioxane	7.665	88	39170	941.462	ug/l #	97
51) 4-Methyl-2-Pentanone	8.580	43	718495	296.678	ug/l	91
52) Toluene	8.720	92	199370	55.847	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	113485	51.099	ug/l	100
54) cis-1,3-Dichloropropene	8.372	75	118899	52.652	ug/l #	91
55) 1,1,2-Trichloroethane	9.153	97	82820	56.106	ug/l	98
56) Ethyl methacrylate	9.122	69	117882	50.174	ug/l #	83
57) 1,3-Dichloropropane	9.311	76	136638	54.860	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	313397	270.236	ug/l	98
59) 2-Hexanone	9.433	43	561414	294.363	ug/l	89
60) Dibromochloromethane	9.525	129	87124	51.968	ug/l	100
61) 1,2-Dibromoethane	9.616	107	91624	56.539	ug/l	99
64) Tetrachloroethene	9.275	164	78391	58.728	ug/l	93
65) Chlorobenzene	10.079	112	215825	53.717	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	83455	55.733	ug/l	99
67) Ethyl Benzene	10.195	91	393649	55.348	ug/l	99
68) m/p-Xylenes	10.305	106	302117	110.775	ug/l	99
69) o-Xylene	10.646	106	144708	53.657	ug/l	99
70) Styrene	10.659	104	240600	53.353	ug/l	98
71) Bromoform	10.805	173	61756	47.450	ug/l #	97
73) Isopropylbenzene	10.963	105	397251	54.275	ug/l	100
74) N-amyl acetate	10.848	43	176908	52.548	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	133120	51.430	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	122094m	51.930	ug/l	
77) Bromobenzene	11.201	156	98143	52.111	ug/l	98
78) n-propylbenzene	11.305	91	444413	51.942	ug/l	99
79) 2-Chlorotoluene	11.366	91	272529	52.289	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	345546	55.265	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	35961	42.461	ug/l	91
82) 4-Chlorotoluene	11.457	91	319774	52.145	ug/l	99
83) tert-Butylbenzene	11.719	119	327422	52.233	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	350699	56.410	ug/l	98
85) sec-Butylbenzene	11.896	105	385074	49.932	ug/l	99
86) p-Isopropyltoluene	12.012	119	354475	53.904	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	177089	49.374	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	181326	48.940	ug/l	99
89) n-Butylbenzene	12.335	91	304481	52.291	ug/l	97
90) Hexachloroethane	12.542	117	57476	53.152	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	178805	50.427	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	31599	50.560	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	115574	51.194	ug/l	98
94) Hexachlorobutadiene	13.725	225	49086	47.531	ug/l	99
95) Naphthalene	13.780	128	402160	55.656	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	116647	50.423	ug/l	98

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

