

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100521\
 Data File : VX024586.D
 Acq On : 05 Oct 2021 21:07
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/6/2021 7:03:52 PM

Quant Time: Oct 06 06:51:23 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	5.556	168	166268	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	272999	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	219574	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	119430	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	113529	48.45	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.90%		
35) Dibromofluoromethane	5.397	113	90758	50.04	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.08%		
50) Toluene-d8	8.653	98	299351	44.85	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	89.70%#		
62) 4-Bromofluorobenzene	11.085	95	114619	43.67	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	87.34%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	77285	46.19	ug/l	98
3) Chloromethane	1.295	50	78309	49.66	ug/l	100
4) Vinyl Chloride	1.374	62	81048	49.13	ug/l	99
5) Bromomethane	1.599	94	54145	48.77	ug/l	99
6) Chloroethane	1.673	64	44403	40.46	ug/l	100
7) Trichlorofluoromethane	1.880	101	122021	41.92	ug/l	97
8) Diethyl Ether	2.136	74	41864	42.25	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.325	101	80174	48.84	ug/l	96
10) Methyl Iodide	2.453	142	103023	44.85	ug/l	94
11) Tert butyl alcohol	2.983	59	119552	217.76	ug/l	99
12) 1,1-Dichloroethene	2.319	96	75751	49.70	ug/l	94
13) Acrolein	2.240	56	32691	257.62	ug/l	99
14) Allyl chloride	2.666	41	141526	50.79	ug/l	96
15) Acrylonitrile	3.069	53	272420	255.89	ug/l	98
16) Acetone	2.386	43	242389	244.95	ug/l	93
17) Carbon Disulfide	2.508	76	170931	43.54	ug/l	100
18) Methyl Acetate	2.709	43	180659	51.49	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	294703	51.31	ug/l	98
20) Methylene Chloride	2.788	84	92071	52.57	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	85211	49.23	ug/l	98
22) Diisopropyl ether	3.770	45	292131	51.31	ug/l	94
23) Vinyl Acetate	3.727	43	1165731	252.86	ug/l	96
24) 1,1-Dichloroethane	3.611	63	164468	52.03	ug/l	98
25) 2-Butanone	4.568	43	387623	240.19	ug/l	94
26) 2,2-Dichloropropane	4.483	77	121438	42.71	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	102180	50.51	ug/l	100
28) Bromochloromethane	4.904	49	70264	48.97	ug/l	96
29) Tetrahydrofuran	5.013	42	257078	250.00	ug/l	91
30) Chloroform	5.105	83	175345	50.23	ug/l	98
31) Cyclohexane	5.477	56	135571	48.31	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	155250	50.09	ug/l	99
36) 1,1-Dichloropropene	5.696	75	120291	45.96	ug/l	99
37) Ethyl Acetate	4.721	43	147361	45.10	ug/l	95
38) Carbon Tetrachloride	5.684	117	134958	47.37	ug/l	99
39) Methylcyclohexane	7.385	83	142301	46.44	ug/l	97
40) Benzene	6.044	78	363566	48.58	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	81923	48.55	ug/l	93
42) 1,2-Dichloroethane	6.092	62	139909	44.52	ug/l	97
43) Isopropyl Acetate	6.349	43	226882	45.67	ug/l	95
44) Trichloroethene	7.129	130	97807	47.50	ug/l	99
45) 1,2-Dichloropropane	7.434	63	95809	49.62	ug/l	95
46) Dibromomethane	7.586	93	67044	46.31	ug/l	100
47) Bromodichloromethane	7.830	83	128363	48.38	ug/l	99
48) Methyl methacrylate	7.696	41	113454	46.12	ug/l	92
49) 1,4-Dioxane	7.665	88	52075	924.31	ug/l	98
51) 4-Methyl-2-Pentanone	8.580	43	740308	225.74	ug/l	92
52) Toluene	8.720	92	198994	41.16	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	125893	41.86	ug/l	99
54) cis-1,3-Dichloropropene	8.373	75	133214	43.56	ug/l	91
55) 1,1,2-Trichloroethane	9.159	97	86291	43.17	ug/l	99
56) Ethyl methacrylate	9.122	69	135724	42.66	ug/l #	83
57) 1,3-Dichloropropane	9.311	76	142290	42.19	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	384329	244.73	ug/l	98
59) 2-Hexanone	9.433	43	540048	209.11	ug/l	88
60) Dibromochloromethane	9.525	129	90246	40.03	ug/l	99
61) 1,2-Dibromoethane	9.616	107	92152	41.99	ug/l	100
64) Tetrachloroethene	9.275	164	74735	49.18	ug/l	96
65) Chlorobenzene	10.080	112	221194	48.36	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	85454	50.13	ug/l	99
67) Ethyl Benzene	10.195	91	396869	49.01	ug/l	99
68) m/p-Xylenes	10.305	106	311217	100.23	ug/l	98
69) o-Xylene	10.647	106	154899	50.45	ug/l	99
70) Styrene	10.659	104	261580	50.95	ug/l	98
71) Bromoform	10.805	173	66869	45.24	ug/l #	100
73) Isopropylbenzene	10.964	105	413485	48.97	ug/l	100
74) N-amyl acetate	10.848	43	186944	48.14	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.214	83	142649	47.77	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	133298m	49.15	ug/l	
77) Bromobenzene	11.201	156	102973	47.40	ug/l	95
78) n-propylbenzene	11.305	91	477559	48.39	ug/l	99
79) 2-Chlorotoluene	11.366	91	293594	48.83	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	363632	50.42	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.025	75	43645	44.57	ug/l	91
82) 4-Chlorotoluene	11.457	91	341390	48.26	ug/l	99
83) tert-Butylbenzene	11.720	119	355399	49.15	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	364310	50.80	ug/l	98
85) sec-Butylbenzene	11.896	105	442630	49.75	ug/l	100
86) p-Isopropyltoluene	12.012	119	378313	49.87	ug/l	98
87) 1,3-Dichlorobenzene	11.976	146	197087	47.63	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	198807	46.51	ug/l	99
89) n-Butylbenzene	12.335	91	329523	49.06	ug/l	97
90) Hexachloroethane	12.543	117	60698	48.66	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	196476	48.03	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	34800	48.27	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	123465	47.41	ug/l	99
94) Hexachlorobutadiene	13.725	225	53783	45.15	ug/l	99
95) Naphthalene	13.780	128	431650	51.78	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	126987	47.59	ug/l	99

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

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