

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100521\
 Data File : VX024588.D
 Acq On : 05 Oct 2021 22:18
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/6/2021 7:03:55 PM

Quant Time: Oct 06 06:51:41 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	165108	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	270426	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	218801	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	132468	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	112396	48.30	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 96.60%			
35) Dibromofluoromethane	5.397	113	89920	50.05	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.10%			
50) Toluene-d8	8.653	98	330809	50.03	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.06%			
62) 4-Bromofluorobenzene	11.085	95	125238	48.17	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.34%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	77800	46.83	ug/l	99
3) Chloromethane	1.294	50	78728	50.27	ug/l	99
4) Vinyl Chloride	1.374	62	82248	50.21	ug/l	99
5) Bromomethane	1.599	94	59197	53.69	ug/l	98
6) Chloroethane	1.679	64	44494	40.83	ug/l	100
7) Trichlorofluoromethane	1.880	101	122410	42.34	ug/l	97
8) Diethyl Ether	2.136	74	43055	43.76	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.331	101	82392	50.54	ug/l	96
10) Methyl Iodide	2.453	142	109893	48.18	ug/l	95
11) Tert butyl alcohol	2.977	59	120654	221.53	ug/l	98
12) 1,1-Dichloroethene	2.319	96	78389	51.79	ug/l	95
13) Acrolein	2.239	56	25912	207.66	ug/l	98
14) Allyl chloride	2.666	41	143588	51.89	ug/l	96
15) Acrylonitrile	3.069	53	280536	265.37	ug/l	98
16) Acetone	2.386	43	247193	251.85	ug/l	93
17) Carbon Disulfide	2.514	76	172337	44.20	ug/l	99
18) Methyl Acetate	2.709	43	181642	52.13	ug/l	93
19) Methyl tert-butyl Ether	3.123	73	301631	52.88	ug/l	97
20) Methylene Chloride	2.788	84	94821	54.56	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	85133	49.53	ug/l	97
22) Diisopropyl ether	3.770	45	298935	52.88	ug/l	95
23) Vinyl Acetate	3.727	43	1197298	261.53	ug/l	96
24) 1,1-Dichloroethane	3.617	63	168074	53.54	ug/l	98
25) 2-Butanone	4.568	43	403329	251.68	ug/l	95
26) 2,2-Dichloropropane	4.483	77	124045	43.93	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	104555	52.05	ug/l	99
28) Bromochloromethane	4.904	49	76128	53.42	ug/l	97
29) Tetrahydrofuran	5.019	42	265717	260.22	ug/l	91
30) Chloroform	5.105	83	178615	51.52	ug/l	100
31) Cyclohexane	5.477	56	137912	49.49	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	159524	51.83	ug/l	99
36) 1,1-Dichloropropene	5.702	75	123346	47.58	ug/l	99
37) Ethyl Acetate	4.727	43	150029	46.35	ug/l	96
38) Carbon Tetrachloride	5.684	117	136629	48.42	ug/l	99
39) Methylcyclohexane	7.385	83	143145	47.16	ug/l	98
40) Benzene	6.044	78	372239	50.21	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	83941	50.22	ug/l	92
42) 1,2-Dichloroethane	6.098	62	143504	46.09	ug/l	97
43) Isopropyl Acetate	6.348	43	233290	47.41	ug/l	95
44) Trichloroethene	7.129	130	100186	49.12	ug/l	99
45) 1,2-Dichloropropane	7.434	63	97529	51.00	ug/l	98
46) Dibromomethane	7.586	93	69615	48.54	ug/l	99
47) Bromodichloromethane	7.830	83	133521	50.80	ug/l	100
48) Methyl methacrylate	7.696	41	116539	47.83	ug/l	92
49) 1,4-Dioxane	7.665	88	50299	901.28	ug/l	96
51) 4-Methyl-2-Pentanone	8.580	43	791644	243.69	ug/l	93
52) Toluene	8.720	92	241787	50.49	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	142654	47.89	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	156075	51.53	ug/l	99
55) 1,1,2-Trichloroethane	9.159	97	103323	52.18	ug/l	98
56) Ethyl methacrylate	9.122	69	161207	51.15	ug/l	92
57) 1,3-Dichloropropane	9.311	76	168684	50.49	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	384457	247.14	ug/l	99
59) 2-Hexanone	9.433	43	611619	239.07	ug/l	91
60) Dibromochloromethane	9.525	129	105492	47.03	ug/l	100
61) 1,2-Dibromoethane	9.616	107	109081	50.18	ug/l	99
64) Tetrachloroethene	9.275	164	87018	57.46	ug/l	94
65) Chlorobenzene	10.079	112	227534	49.92	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	89721	52.82	ug/l	99
67) Ethyl Benzene	10.195	91	411852	51.04	ug/l	100
68) m/p-Xylenes	10.305	106	321745	103.99	ug/l	99
69) o-Xylene	10.646	106	159551	52.15	ug/l	98
70) Styrene	10.659	104	272135	53.19	ug/l	98
71) Bromoform	10.805	173	71208	48.19	ug/l #	99
73) Isopropylbenzene	10.963	105	449702	48.02	ug/l	100
74) N-amyl acetate	10.848	43	198866	46.17	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	164138	49.56	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	148852m	49.48	ug/l	
77) Bromobenzene	11.201	156	120656	50.07	ug/l	94
78) n-propylbenzene	11.305	91	546298	49.90	ug/l	97
79) 2-Chlorotoluene	11.366	91	335340	50.29	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	414394	51.80	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	48246	44.43	ug/l	92
82) 4-Chlorotoluene	11.457	91	387530	49.39	ug/l	100
83) tert-Butylbenzene	11.719	119	409052	51.00	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	414324	52.09	ug/l	100
85) sec-Butylbenzene	11.896	105	507861	51.47	ug/l	99
86) p-Isopropyltoluene	12.012	119	430073	51.11	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	228526	49.80	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	226306	47.74	ug/l	99
89) n-Butylbenzene	12.335	91	365019	48.99	ug/l	98
90) Hexachloroethane	12.542	117	69235	50.04	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	225887	49.79	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	38331	47.93	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	143137	49.55	ug/l	99
94) Hexachlorobutadiene	13.725	225	61311	46.40	ug/l	99
95) Naphthalene	13.780	128	510376	55.20	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	148244	50.08	ug/l	99

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

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