

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100821\
 Data File : VX024708.D
 Acq On : 09 Oct 2021 07:13
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/13/2021 2:43:45 PM

Quant Time: Oct 11 06:42:47 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	131839	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	213684	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	202488	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	105963	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	97510	52.478	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 104.960%	
35) Dibromofluoromethane	5.397	113	74193	52.265	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.520%	
50) Toluene-d8	8.653	98	268272	51.347	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 102.700%	
62) 4-Bromofluorobenzene	11.085	95	106937	52.056	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 104.120%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	82570	62.241	ug/l	98
3) Chloromethane	1.294	50	65107	52.066	ug/l	99
4) Vinyl Chloride	1.374	62	71201	54.433	ug/l	100
5) Bromomethane	1.599	94	46885	53.256	ug/l	98
6) Chloroethane	1.678	64	42674	48.988	ug/l	97
7) Trichlorofluoromethane	1.886	101	118608	51.383	ug/l	97
8) Diethyl Ether	2.136	74	40015	50.929	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	66279	50.919	ug/l	95
10) Methyl Iodide	2.453	142	84126	46.190	ug/l	93
11) Tert butyl alcohol	2.977	59	91614	210.016	ug/l	98
12) 1,1-Dichloroethene	2.319	96	64593	53.447	ug/l	93
13) Acrolein	2.239	56	31257	308.574	ug/l	96
14) Allyl chloride	2.666	41	111158	50.309	ug/l	91
15) Acrylonitrile	3.068	53	204713	242.512	ug/l	98
16) Acetone	2.386	43	221814	284.326	ug/l	89
17) Carbon Disulfide	2.514	76	161104	51.705	ug/l	100
18) Methyl Acetate	2.709	43	141624	50.901	ug/l	93
19) Methyl tert-butyl Ether	3.123	73	235092	51.616	ug/l	99
20) Methylene Chloride	2.794	84	75318	54.272	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	72809	53.054	ug/l	98
22) Diisopropyl ether	3.770	45	231996	51.391	ug/l	98
23) Vinyl Acetate	3.727	43	971801	265.844	ug/l	95
24) 1,1-Dichloroethane	3.617	63	131686	52.539	ug/l	97
25) 2-Butanone	4.568	43	349080	272.794	ug/l	92
26) 2,2-Dichloropropane	4.483	77	75417	33.449	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	83373	51.978	ug/l	99
28) Bromochloromethane	4.904	49	59836	52.588	ug/l	98
29) Tetrahydrofuran	5.013	42	196241	240.676	ug/l	91
30) Chloroform	5.099	83	145227	52.463	ug/l	98
31) Cyclohexane	5.477	56	113466	50.997	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	131828	53.641	ug/l	99
36) 1,1-Dichloropropene	5.696	75	103616	50.581	ug/l	99
37) Ethyl Acetate	4.727	43	119480	46.716	ug/l	95
38) Carbon Tetrachloride	5.684	117	115567	51.827	ug/l	98
39) Methylcyclohexane	7.385	83	119827	49.957	ug/l	97
40) Benzene	6.050	78	300831	51.357	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	64531	48.858	ug/l	93
42) 1,2-Dichloroethane	6.098	62	126701	51.504	ug/l	94
43) Isopropyl Acetate	6.348	43	192260	49.447	ug/l	92
44) Trichloroethene	7.129	130	84100	52.182	ug/l	99
45) 1,2-Dichloropropane	7.434	63	78671	52.058	ug/l	98
46) Dibromomethane	7.586	93	56647	49.988	ug/l	99
47) Bromodichloromethane	7.830	83	109352	52.653	ug/l	100
48) Methyl methacrylate	7.696	41	104622	54.341	ug/l	87
49) 1,4-Dioxane	7.665	88	38142	864.927	ug/l #	94
51) 4-Methyl-2-Pentanone	8.580	43	706139	275.093	ug/l	91
52) Toluene	8.720	92	196378	51.899	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	114434	48.613	ug/l	100
54) cis-1,3-Dichloropropene	8.372	75	120535	50.359	ug/l #	91
55) 1,1,2-Trichloroethane	9.159	97	81150	51.867	ug/l	97
56) Ethyl methacrylate	9.122	69	116114	46.628	ug/l #	84
57) 1,3-Dichloropropane	9.311	76	135068	51.164	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	324718	264.169	ug/l	98
59) 2-Hexanone	9.433	43	551767	272.950	ug/l	88
60) Dibromochloromethane	9.525	129	87417	49.259	ug/l	99
61) 1,2-Dibromoethane	9.616	107	89467	52.087	ug/l	100
64) Tetrachloroethene	9.275	164	80526	57.460	ug/l	95
65) Chlorobenzene	10.086	112	215976	51.200	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	82856	52.703	ug/l	99
67) Ethyl Benzene	10.195	91	392589	52.576	ug/l	99
68) m/p-Xylenes	10.305	106	299767	104.690	ug/l	99
69) o-Xylene	10.646	106	142359	50.277	ug/l	98
70) Styrene	10.659	104	236651	49.983	ug/l	97
71) Bromoform	10.805	173	62168	45.592	ug/l #	100
73) Isopropylbenzene	10.963	105	395279	52.767	ug/l	100
74) N-amyl acetate	10.848	43	173210	50.269	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	129779	48.988	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	119822m	49.794	ug/l	
77) Bromobenzene	11.201	156	99465	51.601	ug/l	95
78) n-propylbenzene	11.305	91	441314	50.396	ug/l	99
79) 2-Chlorotoluene	11.366	91	267256	50.100	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	341228	53.321	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	35544	41.071	ug/l	89
82) 4-Chlorotoluene	11.457	91	320184	51.014	ug/l	99
83) tert-Butylbenzene	11.719	119	326377	50.871	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	349038	54.854	ug/l	98
85) sec-Butylbenzene	11.896	105	382830	48.502	ug/l	100
86) p-Isopropyltoluene	12.012	119	354066	52.606	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	179821	48.985	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	179739	47.398	ug/l	98
89) n-Butylbenzene	12.335	91	304991	51.176	ug/l	97
90) Hexachloroethane	12.542	117	56037	50.632	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	179283	49.401	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	31732	49.608	ug/l	89
93) 1,2,4-Trichlorobenzene	13.591	180	115449	49.965	ug/l	98
94) Hexachlorobutadiene	13.725	225	48176	45.580	ug/l	99
95) Naphthalene	13.780	128	401217	54.251	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	118807	50.178	ug/l	99

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

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