

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050721\
 Data File : VX021879.D
 Acq On : 07 May 2021 16:43
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 5/10/2021 2:22:57 PM

Quant Time: May 08 06:21:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050721W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 08 05:38:18 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	84753	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.775	114	164900	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	148012	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	68324	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	65763	47.15	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.30%		
35) Dibromofluoromethane	5.397	113	52750	46.68	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.36%		
50) Toluene-d8	8.653	98	202870	47.04	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.08%		
62) 4-Bromofluorobenzene	11.085	95	78923	46.37	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.74%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	55317	49.58	ug/l	99
3) Chloromethane	1.294	50	64966	48.48	ug/l	98
4) Vinyl Chloride	1.374	62	73590	47.56	ug/l	99
5) Bromomethane	1.599	94	27850	49.32	ug/l	95
6) Chloroethane	1.678	64	43290	53.79	ug/l	99
7) Trichlorofluoromethane	1.880	101	102450	48.03	ug/l	95
8) Diethyl Ether	2.136	74	41948	46.85	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.325	101	54913	50.63	ug/l	88
10) Methyl Iodide	2.453	142	62710	48.65	ug/l	96
11) Tert butyl alcohol	2.983	59	90891	244.22	ug/l	98
12) 1,1-Dichloroethene	2.319	96	54734	47.62	ug/l	88
13) Acrolein	2.245	56	33091	215.34	ug/l	100
14) Allyl chloride	2.666	41	100113	47.54	ug/l	98
15) Acrylonitrile	3.075	53	171896	245.81	ug/l	99
16) Acetone	2.392	43	151112	241.56	ug/l	98
17) Carbon Disulfide	2.508	76	148415	46.44	ug/l	98
18) Methyl Acetate	2.715	43	84328	48.61	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	176480	47.90	ug/l	98
20) Methylene Chloride	2.794	84	63063	48.89	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	58332	47.57	ug/l	97
22) Diisopropyl ether	3.770	45	183577	46.82	ug/l	90
23) Vinyl Acetate	3.733	43	928636	240.67	ug/l	97
24) 1,1-Dichloroethane	3.617	63	108540	48.16	ug/l	99
25) 2-Butanone	4.574	43	269109	249.98	ug/l	96
26) 2,2-Dichloropropane	4.483	77	93538	46.37	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	68898	47.59	ug/l	99
28) Bromochloromethane	4.910	49	50842	49.37	ug/l	89
29) Tetrahydrofuran	5.019	42	156426	244.53	ug/l	93
30) Chloroform	5.105	83	110582	48.10	ug/l	97
31) Cyclohexane	5.477	56	87896	47.71	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	96724	47.94	ug/l	99
36) 1,1-Dichloropropene	5.708	75	81899	46.85	ug/l	97
37) Ethyl Acetate	4.733	43	101466	48.05	ug/l	97
38) Carbon Tetrachloride	5.684	117	82895	47.43	ug/l	98
39) Methylcyclohexane	7.385	83	92889	47.35	ug/l	99
40) Benzene	6.050	78	252433	47.96	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	54719	47.98	ug/l	95
42) 1,2-Dichloroethane	6.098	62	86730	48.09	ug/l	99
43) Isopropyl Acetate	6.354	43	170809	47.82	ug/l	95
44) Trichloroethene	7.135	130	61381	48.00	ug/l	98
45) 1,2-Dichloropropane	7.440	63	64887	47.08	ug/l	99
46) Dibromomethane	7.586	93	43803	46.97	ug/l	89
47) Bromodichloromethane	7.830	83	91358	48.58	ug/l	99
48) Methyl methacrylate	7.702	41	79745	48.52	ug/l	93
49) 1,4-Dioxane	7.665	88	33110	957.69	ug/l	95
51) 4-Methyl-2-Pentanone	8.580	43	540590	243.06	ug/l	93
52) Toluene	8.726	92	160480	47.77	ug/l	96
53) t-1,3-Dichloropropene	8.982	75	104978	47.90	ug/l	98
54) cis-1,3-Dichloropropene	8.372	75	112106	48.83	ug/l	97
55) 1,1,2-Trichloroethane	9.159	97	65465	48.75	ug/l	97
56) Ethyl methacrylate	9.122	69	109387	46.36	ug/l #	90
57) 1,3-Dichloropropane	9.311	76	111820	48.67	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.250	63	278913	241.38	ug/l	99
59) 2-Hexanone	9.433	43	420365	245.35	ug/l	91
60) Dibromochloromethane	9.525	129	67836	46.87	ug/l	97
61) 1,2-Dibromoethane	9.616	107	68490	48.90	ug/l	97
64) Tetrachloroethene	9.281	164	47478	49.86	ug/l	93
65) Chlorobenzene	10.085	112	165443	48.22	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	61831	49.08	ug/l	98
67) Ethyl Benzene	10.195	91	303687	48.03	ug/l	98
68) m/p-Xylenes	10.305	106	235588	97.48	ug/l	100
69) o-Xylene	10.646	106	114917	47.64	ug/l	98
70) Styrene	10.659	104	197418	49.23	ug/l	99
71) Bromoform	10.805	173	48511	50.62	ug/l #	100
73) Isopropylbenzene	10.963	105	302641	48.99	ug/l	100
74) N-amyl acetate	10.848	43	156012	47.12	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.213	83	108759	47.46	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	96516m	49.69	ug/l	
77) Bromobenzene	11.201	156	65690	49.37	ug/l	89
78) n-propylbenzene	11.311	91	355757	48.61	ug/l	99
79) 2-Chlorotoluene	11.366	91	209611	47.27	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	260405	49.05	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	41949	50.09	ug/l	93
82) 4-Chlorotoluene	11.457	91	250337	48.78	ug/l	97
83) tert-Butylbenzene	11.719	119	249358	48.46	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	262472	49.29	ug/l	98
85) sec-Butylbenzene	11.896	105	312258	49.42	ug/l	99
86) p-Isopropyltoluene	12.012	119	269488	50.05	ug/l	98
87) 1,3-Dichlorobenzene	11.975	146	124640	49.57	ug/l	96
88) 1,4-Dichlorobenzene	12.042	146	126396	48.60	ug/l	96
89) n-Butylbenzene	12.335	91	249836	50.31	ug/l	99
90) Hexachloroethane	12.542	117	47414	48.71	ug/l	77
91) 1,2-Dichlorobenzene	12.341	146	122550	49.39	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	26056	52.31	ug/l	85
93) 1,2,4-Trichlorobenzene	13.591	180	73340	49.07	ug/l	96
94) Hexachlorobutadiene	13.731	225	28405	48.71	ug/l	95
95) Naphthalene	13.780	128	311594	50.88	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	75151	49.60	ug/l	96

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

