

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080621\
 Data File : VX023600.D
 Acq On : 06 Aug 2021 16:53
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/9/2021 6:28:18 PM

Quant Time: Aug 07 04:46:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:05:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	206033	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	329292	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	308278	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	147879	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	129131	50.24	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.48%			
35) Dibromofluoromethane	5.397	113	101927	49.51	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.02%			
50) Toluene-d8	8.653	98	374808	49.55	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.10%			
62) 4-Bromofluorobenzene	11.085	95	143754	55.89	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 111.78%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	89598	47.27	ug/l	99
3) Chloromethane	1.295	50	102794	46.55	ug/l	99
4) Vinyl Chloride	1.374	62	103471	46.29	ug/l	99
5) Bromomethane	1.599	94	61865	46.62	ug/l	98
6) Chloroethane	1.679	64	67594	49.28	ug/l	97
7) Trichlorofluoromethane	1.880	101	170634	47.38	ug/l	97
8) Diethyl Ether	2.136	74	61365	46.17	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.325	101	101199	49.60	ug/l	97
10) Methyl Iodide	2.453	142	125892	49.25	ug/l	96
11) Tert butyl alcohol	2.977	59	121260	206.54	ug/l	98
12) 1,1-Dichloroethene	2.319	96	93696	46.28	ug/l	98
13) Acrolein	2.239	56	56598	189.96	ug/l	98
14) Allyl chloride	2.666	41	170357	46.29	ug/l	92
15) Acrylonitrile	3.069	53	304608	229.76	ug/l	98
16) Acetone	2.386	43	262735	208.40	ug/l	94
17) Carbon Disulfide	2.508	76	207519	41.57	ug/l	98
18) Methyl Acetate	2.709	43	140755	46.97	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	340088	48.31	ug/l	99
20) Methylene Chloride	2.794	84	113707	46.37	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	101197	47.06	ug/l	98
22) Diisopropyl ether	3.770	45	358506	49.34	ug/l	98
23) Vinyl Acetate	3.727	43	1568981	244.63	ug/l	95
24) 1,1-Dichloroethane	3.611	63	193770	48.52	ug/l	99
25) 2-Butanone	4.562	43	435288	222.40	ug/l	92
26) 2,2-Dichloropropane	4.477	77	154780	47.39	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	121650	48.71	ug/l	97
28) Bromochloromethane	4.904	49	87042	46.70	ug/l	93
29) Tetrahydrofuran	5.013	42	285698	222.69	ug/l	88
30) Chloroform	5.099	83	203101	49.69	ug/l	97
31) Cyclohexane	5.477	56	174664	45.88	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	176467	50.52	ug/l	98
36) 1,1-Dichloropropene	5.696	75	145676	48.90	ug/l	99
37) Ethyl Acetate	4.721	43	167894	44.70	ug/l #	94
38) Carbon Tetrachloride	5.684	117	152972	50.50	ug/l	99
39) Methylcyclohexane	7.385	83	182527	48.52	ug/l	96
40) Benzene	6.044	78	431829	48.89	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	95179	47.99	ug/l	92
42) 1,2-Dichloroethane	6.092	62	169407	51.88	ug/l	94
43) Isopropyl Acetate	6.348	43	277684	47.71	ug/l	93
44) Trichloroethene	7.129	130	117941	48.61	ug/l	95
45) 1,2-Dichloropropane	7.434	63	115365	49.36	ug/l	94
46) Dibromomethane	7.586	93	80175	50.58	ug/l	99
47) Bromodichloromethane	7.824	83	149784	52.44	ug/l	97
48) Methyl methacrylate	7.696	41	137309	50.94	ug/l	87
49) 1,4-Dioxane	7.665	88	53088	924.97	ug/l	95
51) 4-Methyl-2-Pentanone	8.580	43	910605	255.81	ug/l	90
52) Toluene	8.720	92	278107	50.83	ug/l	96
53) t-1,3-Dichloropropene	8.982	75	170363	47.14	ug/l	98
54) cis-1,3-Dichloropropene	8.373	75	181205	50.89	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	118861	53.64	ug/l	99
56) Ethyl methacrylate	9.122	69	189244	53.28	ug/l #	83
57) 1,3-Dichloropropane	9.311	76	196390	52.16	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	450170	239.26	ug/l	97
59) 2-Hexanone	9.433	43	689160	254.95	ug/l	87
60) Dibromochloromethane	9.525	129	120663	49.17	ug/l	99
61) 1,2-Dibromoethane	9.610	107	125600	53.13	ug/l	98
64) Tetrachloroethene	9.275	164	112698	45.93	ug/l	95
65) Chlorobenzene	10.080	112	314561	49.85	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	116664	48.15	ug/l	99
67) Ethyl Benzene	10.195	91	556011	50.81	ug/l	99
68) m/p-Xylenes	10.305	106	424579	100.88	ug/l	99
69) o-Xylene	10.647	106	210734	50.50	ug/l	99
70) Styrene	10.659	104	355832	53.82	ug/l	98
71) Bromoform	10.805	173	86659	45.91	ug/l	100
73) Isopropylbenzene	10.964	105	557467	49.96	ug/l	99
74) N-amyl acetate	10.848	43	249535	49.02	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	173446	47.72	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	161065m	49.49	ug/l	
77) Bromobenzene	11.201	156	137478	51.07	ug/l	96
78) n-propylbenzene	11.305	91	646941	51.23	ug/l	99
79) 2-Chlorotoluene	11.366	91	383164	50.77	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	465252	51.20	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	56114	46.37	ug/l	89
82) 4-Chlorotoluene	11.457	91	437409	51.23	ug/l	100
83) tert-Butylbenzene	11.719	119	461366	51.76	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	465250	51.47	ug/l	99
85) sec-Butylbenzene	11.896	105	590989	51.13	ug/l	99
86) p-Isopropyltoluene	12.012	119	483626	51.82	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	250153	50.23	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	247207	48.92	ug/l	100
89) n-Butylbenzene	12.335	91	436382	51.65	ug/l	97
90) Hexachloroethane	12.543	117	79743	47.79	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	237629	49.28	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	35487	40.66	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	149477	49.34	ug/l	99
94) Hexachlorobutadiene	13.731	225	65719	48.34	ug/l	98
95) Naphthalene	13.780	128	503225	48.31	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	151291	49.45	ug/l	99

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

