

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080621\
 Data File : VX023584.D
 Acq On : 06 Aug 2021 09:59
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/9/2021 6:28:09 PM

Quant Time: Aug 07 04:40:37 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	5.555	168	208800	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	336364	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	320940	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	154121	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	135142	51.89	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.78%			
35) Dibromofluoromethane	5.391	113	106964	50.86	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.72%			
50) Toluene-d8	8.652	98	378712	49.01	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.02%			
62) 4-Bromofluorobenzene	11.085	95	146844	55.89	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 111.78%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	90501	47.11	ug/l	98
3) Chloromethane	1.294	50	105967	47.35	ug/l	97
4) Vinyl Chloride	1.373	62	103299	45.60	ug/l	99
5) Bromomethane	1.599	94	63681	47.35	ug/l	99
6) Chloroethane	1.678	64	69822	50.22	ug/l	99
7) Trichlorofluoromethane	1.879	101	175602	48.12	ug/l	97
8) Diethyl Ether	2.135	74	69795	51.82	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.324	101	102821	49.73	ug/l	98
10) Methyl Iodide	2.452	142	144396	55.74	ug/l	95
11) Tert butyl alcohol	2.983	59	145390	244.35	ug/l	98
12) 1,1-Dichloroethene	2.318	96	94471	46.05	ug/l	97
13) Acrolein	2.239	56	78391	259.11	ug/l	98
14) Allyl chloride	2.666	41	183016	49.07	ug/l	93
15) Acrylonitrile	3.074	53	348520	259.40	ug/l	98
16) Acetone	2.391	43	358438	280.54	ug/l	92
17) Carbon Disulfide	2.507	76	209471	41.41	ug/l	100
18) Methyl Acetate	2.708	43	162466	53.49	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	385267	54.01	ug/l	98
20) Methylene Chloride	2.794	84	120604	48.53	ug/l	88
21) trans-1,2-Dichloroethene	3.092	96	103768	47.61	ug/l	96
22) Diisopropyl ether	3.769	45	390210	53.00	ug/l	97
23) Vinyl Acetate	3.727	43	1769583	272.25	ug/l	95
24) 1,1-Dichloroethane	3.611	63	204150	50.45	ug/l	98
25) 2-Butanone	4.568	43	534429	269.43	ug/l	94
26) 2,2-Dichloropropane	4.476	77	168827	51.01	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	129459	51.15	ug/l	98
28) Bromochloromethane	4.903	49	99204	52.52	ug/l	95
29) Tetrahydrofuran	5.013	42	330001	253.82	ug/l	89
30) Chloroform	5.098	83	215346	51.99	ug/l	99
31) Cyclohexane	5.476	56	172031	44.59	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	179552	50.72	ug/l	98
36) 1,1-Dichloropropene	5.702	75	149007	48.97	ug/l	99
37) Ethyl Acetate	4.720	43	195372	50.93	ug/l	95
38) Carbon Tetrachloride	5.684	117	155631	50.29	ug/l	98
39) Methylcyclohexane	7.384	83	182703	47.55	ug/l	98
40) Benzene	6.043	78	453412	50.26	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	106614	52.63	ug/l	93
42) 1,2-Dichloroethane	6.092	62	186827	56.01	ug/l	96
43) Isopropyl Acetate	6.348	43	317667	53.44	ug/l	93
44) Trichloroethene	7.128	130	124895	50.39	ug/l	97
45) 1,2-Dichloropropane	7.433	63	124287	52.06	ug/l	98
46) Dibromomethane	7.586	93	90025	55.59	ug/l	98
47) Bromodichloromethane	7.823	83	163520	56.05	ug/l	98
48) Methyl methacrylate	7.695	41	154876	56.25	ug/l	87
49) 1,4-Dioxane	7.665	88	61637	1051.34	ug/l #	96
51) 4-Methyl-2-Pentanone	8.579	43	1037760	285.40	ug/l	91
52) Toluene	8.720	92	298398	53.39	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	194352	52.43	ug/l	98
54) cis-1,3-Dichloropropene	8.372	75	203809	56.04	ug/l	92
55) 1,1,2-Trichloroethane	9.158	97	131453	58.08	ug/l	99
56) Ethyl methacrylate	9.122	69	212457	58.56	ug/l #	81
57) 1,3-Dichloropropane	9.311	76	218777	56.89	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	489410	254.65	ug/l	97
59) 2-Hexanone	9.433	43	793715	287.45	ug/l	88
60) Dibromochloromethane	9.524	129	134160	53.34	ug/l	99
61) 1,2-Dibromoethane	9.616	107	140306	58.10	ug/l	99
64) Tetrachloroethene	9.274	164	121711	47.65	ug/l	94
65) Chlorobenzene	10.079	112	333589	50.78	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.164	131	124745	49.43	ug/l	98
67) Ethyl Benzene	10.195	91	580546	50.96	ug/l	99
68) m/p-Xylenes	10.305	106	449142	102.51	ug/l	100
69) o-Xylene	10.646	106	222572	51.24	ug/l	99
70) Styrene	10.658	104	378036	54.93	ug/l	98
71) Bromoform	10.805	173	95002	48.16	ug/l #	99
73) Isopropylbenzene	10.963	105	579717	49.85	ug/l	99
74) N-amyl acetate	10.847	43	273791	51.60	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	190168	50.20	ug/l	99
76) 1,2,3-Trichloropropane	11.243	75	180215m	53.14	ug/l	
77) Bromobenzene	11.201	156	148032	52.77	ug/l	96
78) n-propylbenzene	11.304	91	673044	51.14	ug/l	99
79) 2-Chlorotoluene	11.365	91	406992	51.75	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	483921	51.10	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	64731	51.32	ug/l	92
82) 4-Chlorotoluene	11.457	91	462724	52.00	ug/l	100
83) tert-Butylbenzene	11.719	119	470633	50.66	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	485150	51.50	ug/l	100
85) sec-Butylbenzene	11.896	105	600414	49.84	ug/l	99
86) p-Isopropyltoluene	12.012	119	502248	51.63	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	261581	50.40	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	264693	50.26	ug/l	100
89) n-Butylbenzene	12.335	91	446963	50.76	ug/l	98
90) Hexachloroethane	12.542	117	80405	46.30	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	256169	50.97	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.944	75	41994	45.87	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	164831	52.20	ug/l	99
94) Hexachlorobutadiene	13.725	225	67462	47.61	ug/l	99
95) Naphthalene	13.780	128	564658	52.01	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	165474	51.90	ug/l	99

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

