

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072321\
 Data File : VX023412.D
 Acq On : 23 Jul 2021 09:41
 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
 7/26/2021 5:21:12 PM

Quant Time: Jul 24 03:43:05 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	232224	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	361105	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	329069	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	151137	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	147186	50.810	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.620%			
35) Dibromofluoromethane	5.391	113	119894	53.102	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.200%			
50) Toluene-d8	8.653	98	449224	54.155	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 108.300%			
62) 4-Bromofluorobenzene	11.085	95	158118	56.056	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 112.120%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	105973	49.602	ug/l	100
3) Chloromethane	1.294	50	118042	47.430	ug/l	99
4) Vinyl Chloride	1.374	62	119018	47.243	ug/l	100
5) Bromomethane	1.599	94	66424	44.411	ug/l	98
6) Chloroethane	1.678	64	75062	48.548	ug/l	97
7) Trichlorofluoromethane	1.886	101	192124	47.335	ug/l	98
8) Diethyl Ether	2.136	74	69528	46.411	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.331	101	113627	49.414	ug/l	96
10) Methyl Iodide	2.453	142	139589	48.452	ug/l	98
11) Tert butyl alcohol	2.977	59	140021	211.593	ug/l	98
12) 1,1-Dichloroethene	2.319	96	107078	46.927	ug/l	99
13) Acrolein	2.239	56	89080	264.716	ug/l	98
14) Allyl chloride	2.666	41	191813	46.237	ug/l	95
15) Acrylonitrile	3.068	53	347440	232.508	ug/l	99
16) Acetone	2.386	43	409361	288.080	ug/l	93
17) Carbon Disulfide	2.514	76	251555	44.709	ug/l	99
18) Methyl Acetate	2.709	43	152380	45.110	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	370646	46.717	ug/l	97
20) Methylene Chloride	2.794	84	121708	44.032	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	115476	47.640	ug/l	97
22) Diisopropyl ether	3.770	45	392624	47.945	ug/l	97
23) Vinyl Acetate	3.727	43	1739655	240.651	ug/l	95
24) 1,1-Dichloroethane	3.611	63	213175	47.362	ug/l	98
25) 2-Butanone	4.562	43	564780	256.013	ug/l	92
26) 2,2-Dichloropropane	4.483	77	178629	48.524	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	134277	47.700	ug/l	99
28) Bromochloromethane	4.903	49	111349	53.009	ug/l	94
29) Tetrahydrofuran	5.013	42	324353	224.308	ug/l	89
30) Chloroform	5.099	83	219994	47.754	ug/l	99
31) Cyclohexane	5.477	56	201624	46.986	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	191200	48.562	ug/l	99
36) 1,1-Dichloropropene	5.696	75	164292	50.295	ug/l	98
37) Ethyl Acetate	4.727	43	193180	46.904	ug/l	95
38) Carbon Tetrachloride	5.678	117	166373	50.082	ug/l	96
39) Methylcyclohexane	7.385	83	214573	52.013	ug/l	98
40) Benzene	6.044	78	483055	49.875	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	104687	48.139	ug/l	94
42) 1,2-Dichloroethane	6.092	62	176904	49.400	ug/l	97
43) Isopropyl Acetate	6.348	43	306136	47.968	ug/l	93
44) Trichloroethene	7.129	130	134226	50.446	ug/l	97
45) 1,2-Dichloropropane	7.434	63	126729	49.447	ug/l	97
46) Dibromomethane	7.586	93	87533	50.352	ug/l	100
47) Bromodichloromethane	7.824	83	159213	50.835	ug/l	99
48) Methyl methacrylate	7.696	41	147712	49.974	ug/l	89
49) 1,4-Dioxane	7.665	88	61045	969.906	ug/l	96
51) 4-Methyl-2-Pentanone	8.580	43	967076	247.740	ug/l	91
52) Toluene	8.720	92	307512	51.249	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	186738	47.119	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	199597	51.122	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	127513	52.479	ug/l	98
56) Ethyl methacrylate	9.116	69	199566	51.239	ug/l #	84
57) 1,3-Dichloropropane	9.311	76	209245	50.681	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	513984	249.114	ug/l	97
59) 2-Hexanone	9.433	43	767462	258.902	ug/l	89
60) Dibromochloromethane	9.525	129	125857	46.864	ug/l	100
61) 1,2-Dibromoethane	9.610	107	134548	51.902	ug/l	99
64) Tetrachloroethene	9.275	164	130536	49.843	ug/l	96
65) Chlorobenzene	10.079	112	327573	48.636	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	122261	47.294	ug/l	99
67) Ethyl Benzene	10.195	91	593518	50.810	ug/l	98
68) m/p-Xylenes	10.305	106	452511	100.726	ug/l	98
69) o-Xylene	10.646	106	217137	48.751	ug/l	98
70) Styrene	10.659	104	357302	50.631	ug/l	98
71) Bromoform	10.805	173	84619	42.298	ug/l #	100
73) Isopropylbenzene	10.963	105	581071	50.951	ug/l	99
74) N-amyl acetate	10.848	43	247523	47.574	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	174994	47.105	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	165023m	49.618	ug/l	
77) Bromobenzene	11.201	156	139655	50.763	ug/l	95
78) n-propylbenzene	11.305	91	664010	51.445	ug/l	98
79) 2-Chlorotoluene	11.366	91	387468	50.238	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	472672	50.893	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	58428	47.237	ug/l	93
82) 4-Chlorotoluene	11.457	91	440982	50.539	ug/l	99
83) tert-Butylbenzene	11.719	119	464583	50.996	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	473050	51.205	ug/l	99
85) sec-Butylbenzene	11.890	105	602455	51.002	ug/l	99
86) p-Isopropyltoluene	12.012	119	497616	52.166	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	253054	49.719	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	250243	48.455	ug/l	99
89) n-Butylbenzene	12.335	91	446624	51.721	ug/l	98
90) Hexachloroethane	12.542	117	77790	45.703	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	242427	49.192	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	37513	41.977	ug/l	94
93) 1,2,4-Trichlorobenzene	13.591	180	157717	50.938	ug/l	99
94) Hexachlorobutadiene	13.725	225	69664	50.136	ug/l	100
95) Naphthalene	13.780	128	536591	50.405	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	158887	50.817	ug/l	100

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

