

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX063021\
 Data File : VX023051.D
 Acq On : 30 Jun 2021 22:47
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 7/5/2021 1:56:00 PM

Quant Time: Jul 01 03:29:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 19:12:26 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	64592	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	132579	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	117074	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	50188	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	60719	51.799	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.600%			
35) Dibromofluoromethane	5.391	113	41448	49.231	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.460%			
50) Toluene-d8	8.653	98	157567	47.753	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 95.500%			
62) 4-Bromofluorobenzene	11.085	95	60678	49.274	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.540%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	44004	48.286	ug/l	97
3) Chloromethane	1.295	50	48977	48.942	ug/l	99
4) Vinyl Chloride	1.374	62	44769	48.482	ug/l	97
5) Bromomethane	1.599	94	21234	41.741	ug/l	94
6) Chloroethane	1.679	64	28963	50.751	ug/l	98
7) Trichlorofluoromethane	1.886	101	72279	53.881	ug/l	95
8) Diethyl Ether	2.136	74	25935	50.089	ug/l	83
9) 1,1,2-Trichlorotrifluo...	2.331	101	42123	50.153	ug/l	89
10) Methyl Iodide	2.453	142	42349	42.559	ug/l	93
11) Tert butyl alcohol	2.983	59	61449	251.526	ug/l	99
12) 1,1-Dichloroethene	2.319	96	43127	51.466	ug/l	90
13) Acrolein	2.240	56	33251	218.835	ug/l	99
14) Allyl chloride	2.666	41	82878	52.059	ug/l	92
15) Acrylonitrile	3.075	53	153373	274.626	ug/l	99
16) Acetone	2.392	43	129577	249.344	ug/l	95
17) Carbon Disulfide	2.514	76	94557	42.017	ug/l	99
18) Methyl Acetate	2.715	43	70123	54.830	ug/l	91
19) Methyl tert-butyl Ether	3.123	73	165500	55.075	ug/l	99
20) Methylene Chloride	2.794	84	52098	50.543	ug/l	# 82
21) trans-1,2-Dichloroethene	3.093	96	46726	50.264	ug/l	92
22) Diisopropyl ether	3.776	45	181678	54.863	ug/l	91
23) Vinyl Acetate	3.733	43	784407	282.368	ug/l	# 93
24) 1,1-Dichloroethane	3.617	63	93598	52.905	ug/l	99
25) 2-Butanone	4.574	43	217811	269.527	ug/l	90
26) 2,2-Dichloropropane	4.489	77	60718	45.226	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	54494	52.818	ug/l	93
28) Bromochloromethane	4.904	49	45010	54.002	ug/l	# 73
29) Tetrahydrofuran	5.019	42	140960	271.181	ug/l	86
30) Chloroform	5.105	83	93992	52.818	ug/l	98
31) Cyclohexane	5.477	56	81891	49.483	ug/l	93
32) 1,1,1-Trichloroethane	5.385	97	76527	53.524	ug/l	94
36) 1,1-Dichloropropene	5.702	75	68688	48.777	ug/l	95
37) Ethyl Acetate	4.727	43	86382	52.956	ug/l	# 93
38) Carbon Tetrachloride	5.684	117	60911	51.570	ug/l	99
39) Methylcyclohexane	7.385	83	76081	46.315	ug/l	94
40) Benzene	6.050	78	201943	49.732	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	48086	53.510	ug/l #	89
42) 1,2-Dichloroethane	6.092	62	80591	53.943	ug/l	95
43) Isopropyl Acetate	6.355	43	138385	52.767	ug/l #	91
44) Trichloroethene	7.135	130	46101	47.874	ug/l	88
45) 1,2-Dichloropropane	7.434	63	55034	52.546	ug/l	99
46) Dibromomethane	7.586	93	35781	51.494	ug/l #	82
47) Bromodichloromethane	7.830	83	66159	47.042	ug/l	97
48) Methyl methacrylate	7.702	41	66584	54.858	ug/l	85
49) 1,4-Dioxane	7.665	88	24336	931.425	ug/l #	91
51) 4-Methyl-2-Pentanone	8.580	43	443994	272.022	ug/l	88
52) Toluene	8.726	92	119520	48.691	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	74496	44.980	ug/l	99
54) cis-1,3-Dichloropropene	8.373	75	82216	46.346	ug/l #	91
55) 1,1,2-Trichloroethane	9.159	97	49980	50.748	ug/l	97
56) Ethyl methacrylate	9.122	69	86579	47.734	ug/l #	78
57) 1,3-Dichloropropane	9.311	76	90806	50.723	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	227611	251.845	ug/l	93
59) 2-Hexanone	9.433	43	335164	270.673	ug/l	86
60) Dibromochloromethane	9.525	129	43230	45.192	ug/l	95
61) 1,2-Dibromoethane	9.616	107	51067	51.055	ug/l	99
64) Tetrachloroethene	9.275	164	39982	48.596	ug/l #	86
65) Chlorobenzene	10.080	112	123047	49.907	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	43981	55.198	ug/l	98
67) Ethyl Benzene	10.195	91	236492	52.090	ug/l	97
68) m/p-Xylenes	10.305	106	172709	102.437	ug/l	93
69) o-Xylene	10.647	106	85326	51.999	ug/l	95
70) Styrene	10.659	104	142734	52.406	ug/l	95
71) Bromoform	10.805	173	25275	44.705	ug/l #	99
73) Isopropylbenzene	10.964	105	225433	53.085	ug/l	98
74) N-amyl acetate	10.848	43	122296	50.979	ug/l	89
75) 1,1,2,2-Tetrachloroethane	11.214	83	78064	53.521	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	71366m	53.834	ug/l	
77) Bromobenzene	11.201	156	44952	50.904	ug/l	76
78) n-propylbenzene	11.305	91	272816	53.095	ug/l	95
79) 2-Chlorotoluene	11.366	91	163804	52.800	ug/l	94
80) 1,3,5-Trimethylbenzene	11.457	105	190014	54.492	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.025	75	20954	43.646	ug/l #	79
82) 4-Chlorotoluene	11.457	91	188247	52.505	ug/l	93
83) tert-Butylbenzene	11.720	119	172095	52.260	ug/l	87
84) 1,2,4-Trimethylbenzene	11.756	105	188350	53.667	ug/l	96
85) sec-Butylbenzene	11.896	105	234792	52.869	ug/l	96
86) p-Isopropyltoluene	12.012	119	189982	53.835	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	87560	51.394	ug/l	95
88) 1,4-Dichlorobenzene	12.043	146	87293	49.000	ug/l	94
89) n-Butylbenzene	12.335	91	180222	53.711	ug/l	96
90) Hexachloroethane	12.543	117	29526	45.590	ug/l	67
91) 1,2-Dichlorobenzene	12.335	146	86377	51.946	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	17118	49.717	ug/l	68
93) 1,2,4-Trichlorobenzene	13.591	180	49374	53.537	ug/l	94
94) Hexachlorobutadiene	13.725	225	17295	47.859	ug/l	100
95) Naphthalene	13.780	128	205395	50.197	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	48917	52.660	ug/l	97

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

