

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091321\
 Data File : VX024194.D
 Acq On : 13 Sep 2021 19:09
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/14/2021 10:47:34 AM

Quant Time: Sep 14 05:26:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091321W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 13 12:27:19 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	194461	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	310284	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	289895	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	147430	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	133010	48.415	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.840%
35) Dibromofluoromethane	5.397	113	101541	47.828	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.660%
50) Toluene-d8	8.653	98	370691	48.074	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.140%
62) 4-Bromofluorobenzene	11.085	95	148055	49.794	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.580%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	89913	48.671	ug/l	99
3) Chloromethane	1.294	50	86258	49.098	ug/l	99
4) Vinyl Chloride	1.374	62	88116	47.527	ug/l	98
5) Bromomethane	1.599	94	52150	48.670	ug/l	96
6) Chloroethane	1.679	64	58206	47.305	ug/l	99
7) Trichlorofluoromethane	1.886	101	155427	49.014	ug/l	98
8) Diethyl Ether	2.142	74	53895	48.874	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.331	101	91053	48.528	ug/l	95
10) Methyl Iodide	2.453	142	123242	51.027	ug/l	91
11) Tert butyl alcohol	2.983	59	142160	243.606	ug/l	98
12) 1,1-Dichloroethene	2.319	96	85413	48.154	ug/l	90
13) Acrolein	2.239	56	51633	229.978	ug/l	98
14) Allyl chloride	2.666	41	154983	48.694	ug/l	90
15) Acrylonitrile	3.075	53	280766	249.240	ug/l	98
16) Acetone	2.392	43	261088	242.667	ug/l	90
17) Carbon Disulfide	2.514	76	188449	45.017	ug/l	98
18) Methyl Acetate	2.715	43	158028	51.713	ug/l	93
19) Methyl tert-butyl Ether	3.123	73	331263	50.137	ug/l	99
20) Methylene Chloride	2.794	84	100166	49.221	ug/l #	90
21) trans-1,2-Dichloroethene	3.099	96	90606	47.979	ug/l	93
22) Diisopropyl ether	3.776	45	321370	50.726	ug/l	94
23) Vinyl Acetate	3.733	43	1280785	254.611	ug/l	96
24) 1,1-Dichloroethane	3.617	63	180150	49.762	ug/l	98
25) 2-Butanone	4.568	43	418076	242.858	ug/l	93
26) 2,2-Dichloropropane	4.483	77	151049	46.172	ug/l	96
27) cis-1,2-Dichloroethene	4.501	96	109794	48.412	ug/l	95
28) Bromochloromethane	4.910	49	71708	45.154	ug/l	98
29) Tetrahydrofuran	5.019	42	268275	247.544	ug/l	91
30) Chloroform	5.111	83	194140	49.380	ug/l	98
31) Cyclohexane	5.483	56	153051	49.975	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	178682	50.227	ug/l	99
36) 1,1-Dichloropropene	5.696	75	135798	47.426	ug/l	99
37) Ethyl Acetate	4.727	43	157997	48.433	ug/l	95
38) Carbon Tetrachloride	5.684	117	155954	49.760	ug/l	99
39) Methylcyclohexane	7.385	83	162560	48.264	ug/l	96
40) Benzene	6.050	78	393600	48.781	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	89565	51.630	ug/l	92
42) 1,2-Dichloroethane	6.098	62	168192	50.379	ug/l	94
43) Isopropyl Acetate	6.348	43	258603	48.903	ug/l	93
44) Trichloroethene	7.135	130	106911	46.917	ug/l	99
45) 1,2-Dichloropropane	7.440	63	105313	49.953	ug/l	95
46) Dibromomethane	7.586	93	76306	49.219	ug/l	98
47) Bromodichloromethane	7.830	83	146668	50.077	ug/l	99
48) Methyl methacrylate	7.702	41	129122	51.374	ug/l	87
49) 1,4-Dioxane	7.665	88	56682	989.212	ug/l #	96
51) 4-Methyl-2-Pentanone	8.580	43	854203	255.848	ug/l	91
52) Toluene	8.726	92	261631	50.024	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	167446	50.320	ug/l	100
54) cis-1,3-Dichloropropene	8.372	75	172466	50.155	ug/l	91
55) 1,1,2-Trichloroethane	9.159	97	109436	48.749	ug/l	99
56) Ethyl methacrylate	9.122	69	175834	50.649	ug/l #	83
57) 1,3-Dichloropropane	9.311	76	182128	49.683	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.251	63	429960	254.026	ug/l	98
59) 2-Hexanone	9.433	43	676045	258.670	ug/l	89
60) Dibromochloromethane	9.525	129	116898	51.020	ug/l	100
61) 1,2-Dibromoethane	9.616	107	118415	50.154	ug/l	99
64) Tetrachloroethene	9.275	164	95189	42.902	ug/l	93
65) Chlorobenzene	10.086	112	290669	49.839	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	112786	49.609	ug/l	99
67) Ethyl Benzene	10.195	91	523818	50.636	ug/l	99
68) m/p-Xylenes	10.305	106	404767	102.277	ug/l	99
69) o-Xylene	10.646	106	200149	50.450	ug/l	99
70) Styrene	10.659	104	337069	53.031	ug/l	98
71) Bromoform	10.805	173	89022	52.115	ug/l	100
73) Isopropylbenzene	10.963	105	531690	49.481	ug/l	100
74) N-amyl acetate	10.848	43	236568	51.255	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	173728	49.590	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	162929m	49.022	ug/l	
77) Bromobenzene	11.201	156	134273	48.416	ug/l	95
78) n-propylbenzene	11.305	91	611043	50.287	ug/l	99
79) 2-Chlorotoluene	11.366	91	376798	49.513	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	454902	50.051	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	56085	49.818	ug/l	91
82) 4-Chlorotoluene	11.457	91	430512	49.593	ug/l	99
83) tert-Butylbenzene	11.719	119	454557	51.047	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	453990	49.953	ug/l	98
85) sec-Butylbenzene	11.896	105	562913	50.782	ug/l	99
86) p-Isopropyltoluene	12.012	119	469210	50.303	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	242837	48.913	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	237688	48.013	ug/l	98
89) n-Butylbenzene	12.335	91	407186	51.083	ug/l	98
90) Hexachloroethane	12.542	117	77818	52.082	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	234628	48.184	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	38941	48.640	ug/l	90
93) 1,2,4-Trichlorobenzene	13.591	180	140936	49.072	ug/l	99
94) Hexachlorobutadiene	13.725	225	65919	47.779	ug/l	99
95) Naphthalene	13.780	128	482240	51.688	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	144528	50.591	ug/l	98

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

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