

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072021\
 Data File : VX023360.D
 Acq On : 20 Jul 2021 18:16
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 7/21/2021 5:54:02 PM

Quant Time: Jul 21 06:07:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072021W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 21 06:04:26 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	83656	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	117569	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	111751	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	61497	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	50675	45.607	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 91.220%			
35) Dibromofluoromethane	5.397	113	37604	50.385	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.760%			
50) Toluene-d8	8.653	98	127686	39.495	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 78.980%#			
62) 4-Bromofluorobenzene	11.085	95	53379	41.443	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 82.880%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	40297	41.587	ug/l	100
3) Chloromethane	1.294	50	20580	24.408	ug/l	100
4) Vinyl Chloride	1.373	62	20870	23.782	ug/l	100
5) Bromomethane	1.599	94	20426	57.372	ug/l	100
6) Chloroethane	1.678	64	12591	43.262	ug/l	100
7) Trichlorofluoromethane	1.885	101	52200	58.893	ug/l	100
8) Diethyl Ether	2.141	74	14006	60.572	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.324	101	28166	41.616	ug/l	100
10) Methyl Iodide	2.452	142	50273	49.135	ug/l	100
11) Tert butyl alcohol	2.983	59	52202	222.454	ug/l	100
12) 1,1-Dichloroethene	2.318	96	29878	45.947	ug/l	100
13) Acrolein	2.245	56	13971	223.186	ug/l	100
14) Allyl chloride	2.666	41	36598	31.528	ug/l	100
15) Acrylonitrile	3.074	53	77244	181.487	ug/l	100
16) Acetone	2.391	43	76175	207.260	ug/l	100
17) Carbon Disulfide	2.513	76	72147	41.294	ug/l	100
18) Methyl Acetate	2.715	43	30808	32.631	ug/l	100
19) Methyl tert-butyl Ether	3.123	73	130616	48.338	ug/l	100
20) Methylene Chloride	2.794	84	35057	37.479	ug/l	100
21) trans-1,2-Dichloroethene	3.093	96	34849	42.861	ug/l	100
22) Diisopropyl ether	3.775	45	72244	32.434	ug/l	100
23) Vinyl Acetate	3.733	43	355337	179.555	ug/l	100
24) 1,1-Dichloroethane	3.617	63	57406	40.730	ug/l	100
25) 2-Butanone	4.574	43	102258	168.865	ug/l	100
26) 2,2-Dichloropropane	4.489	77	62393	46.452	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	42120	44.734	ug/l	100
28) Bromochloromethane	4.909	49	18040	30.407	ug/l	100
29) Tetrahydrofuran	5.019	42	59185	155.315	ug/l	100
30) Chloroform	5.104	83	76205	47.599	ug/l	100
31) Cyclohexane	5.476	56	37341	31.466	ug/l	100
32) 1,1,1-Trichloroethane	5.397	97	78479	51.930	ug/l	100
36) 1,1-Dichloropropene	5.702	75	46155	46.196	ug/l	100
37) Ethyl Acetate	4.720	43	40002	39.179	ug/l	100
38) Carbon Tetrachloride	5.684	117	73251	60.273	ug/l	100
39) Methylcyclohexane	7.384	83	49427	34.713	ug/l	100
40) Benzene	6.043	78	133761	46.914	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	20591	37.862	ug/l	100
42) 1,2-Dichloroethane	6.092	62	65848	54.442	ug/l	100
43) Isopropyl Acetate	6.354	43	65418	38.698	ug/l	100
44) Trichloroethene	7.134	130	47807	47.313	ug/l	100
45) 1,2-Dichloropropane	7.439	63	29024	34.362	ug/l	100
46) Dibromomethane	7.586	93	28946	44.133	ug/l	100
47) Bromodichloromethane	7.829	83	59531	48.334	ug/l	100
48) Methyl methacrylate	7.701	41	33629	33.435	ug/l	100
49) 1,4-Dioxane	7.665	88	21601	882.411	ug/l	100
51) 4-Methyl-2-Pentanone	8.579	43	202122	160.757	ug/l	100
52) Toluene	8.726	92	95387	43.215	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	63996	46.490	ug/l	100
54) cis-1,3-Dichloropropene	8.372	75	60332	42.774	ug/l	100
55) 1,1,2-Trichloroethane	9.159	97	39690	43.655	ug/l	100
56) Ethyl methacrylate	9.122	69	55897	39.663	ug/l	100
57) 1,3-Dichloropropane	9.311	76	60613	40.753	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.250	63	123948	179.609	ug/l	100
59) 2-Hexanone	9.433	43	161597	162.952	ug/l	100
60) Dibromochloromethane	9.524	129	54904	55.162	ug/l	100
61) 1,2-Dibromoethane	9.616	107	45359	45.636	ug/l	100
64) Tetrachloroethene	9.280	164	52343	55.084	ug/l	100
65) Chlorobenzene	10.085	112	114096	50.455	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.164	131	52025	60.505	ug/l	100
67) Ethyl Benzene	10.195	91	192429	49.616	ug/l	100
68) m/p-Xylenes	10.305	106	152991	101.747	ug/l	100
69) o-Xylene	10.646	106	76897	51.056	ug/l	100
70) Styrene	10.658	104	129880	53.441	ug/l	100
71) Bromoform	10.805	173	46414	69.777	ug/l #	100
73) Isopropylbenzene	10.963	105	202043	46.966	ug/l	100
74) N-amyl acetate	10.847	43	55550	33.371	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.219	83	51644	39.565	ug/l	100
76) 1,2,3-Trichloropropane	11.243	75	54169m	42.326	ug/l	
77) Bromobenzene	11.201	156	58973	52.512	ug/l	100
78) n-propylbenzene	11.311	91	214830	44.279	ug/l	100
79) 2-Chlorotoluene	11.365	91	139122	45.351	ug/l	100
80) 1,3,5-Trimethylbenzene	11.457	105	187408	50.509	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	19031	43.176	ug/l	100
82) 4-Chlorotoluene	11.457	91	167168	47.122	ug/l	100
83) tert-Butylbenzene	11.719	119	180435	49.245	ug/l	100
84) 1,2,4-Trimethylbenzene	11.756	105	185796	50.460	ug/l	100
85) sec-Butylbenzene	11.896	105	204134	45.032	ug/l	100
86) p-Isopropyltoluene	12.012	119	192557	50.128	ug/l	100
87) 1,3-Dichlorobenzene	11.975	146	104904	50.841	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	104579	49.644	ug/l	100
89) n-Butylbenzene	12.335	91	138026	42.991	ug/l	100
90) Hexachloroethane	12.542	117	32983	54.685	ug/l	100
91) 1,2-Dichlorobenzene	12.341	146	103117	50.545	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.944	75	18650	54.896	ug/l	100
93) 1,2,4-Trichlorobenzene	13.591	180	73514	56.213	ug/l	100
94) Hexachlorobutadiene	13.731	225	36221	61.420	ug/l	100
95) Naphthalene	13.780	128	234475	56.785	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	76546	61.457	ug/l	100

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

