

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051821\
 Data File : VX022065.D
 Acq On : 18 May 2021 20:34
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 5/20/2021 5:57:24 PM

Quant Time: May 19 04:50:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051821W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 04:48:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	84989	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	167240	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	153310	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	69109	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	164620	46.60	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.20%		
35) Dibromofluoromethane	5.397	113	128076	46.63	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.26%		
50) Toluene-d8	8.653	98	504047	48.69	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.38%		
62) 4-Bromofluorobenzene	11.085	95	189203	49.09	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.18%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	54606	51.41	ug/l	100
3) Chloromethane	1.288	50	58298	49.48	ug/l	100
4) Vinyl Chloride	1.374	62	63647	51.21	ug/l	100
5) Bromomethane	1.611	94	30638	44.08	ug/l	100
6) Chloroethane	1.685	64	40500	57.00	ug/l	100
7) Trichlorofluoromethane	1.886	101	87990	51.53	ug/l	100
8) Diethyl Ether	2.136	74	37631	50.44	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	50230	49.75	ug/l	100
10) Methyl Iodide	2.453	142	57111	53.56	ug/l	100
11) Tert butyl alcohol	2.989	59	80709	253.14	ug/l	100
12) 1,1-Dichloroethene	2.319	96	51273	51.10	ug/l	100
13) Acrolein	2.239	56	49681	226.74	ug/l	100
14) Allyl chloride	2.666	41	94886	49.39	ug/l	100
15) Acrylonitrile	3.075	53	160174	254.00	ug/l	100
16) Acetone	2.392	43	145942	247.26	ug/l	100
17) Carbon Disulfide	2.514	76	126294	49.08	ug/l	100
18) Methyl Acetate	2.709	43	78387	49.52	ug/l	100
19) Methyl tert-butyl Ether	3.123	73	175475	51.50	ug/l	100
20) Methylene Chloride	2.794	84	60158	44.76	ug/l	100
21) trans-1,2-Dichloroethene	3.099	96	56269	50.17	ug/l	100
22) Diisopropyl ether	3.769	45	178174	50.07	ug/l	100
23) Vinyl Acetate	3.727	43	885179	256.23	ug/l	100
24) 1,1-Dichloroethane	3.617	63	107511	51.23	ug/l	100
25) 2-Butanone	4.568	43	252122	252.05	ug/l	100
26) 2,2-Dichloropropane	4.489	77	83799	50.39	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	68301	51.25	ug/l	100
28) Bromochloromethane	4.903	49	49627	49.22	ug/l	100
29) Tetrahydrofuran	5.019	42	145943	251.92	ug/l	100
30) Chloroform	5.105	83	108254	50.91	ug/l	100
31) Cyclohexane	5.483	56	83746	49.61	ug/l	100
32) 1,1,1-Trichloroethane	5.391	97	93993	51.09	ug/l	100
36) 1,1-Dichloropropene	5.702	75	78332	49.86	ug/l	100
37) Ethyl Acetate	4.721	43	96404	48.24	ug/l	100
38) Carbon Tetrachloride	5.684	117	80943	51.60	ug/l	100
39) Methylcyclohexane	7.385	83	85985	51.45	ug/l	100
40) Benzene	6.050	78	246246	51.50	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	50962	48.83	ug/l	100
42) 1,2-Dichloroethane	6.098	62	86161	51.58	ug/l	100
43) Isopropyl Acetate	6.348	43	160931	50.28	ug/l	100
44) Trichloroethene	7.135	130	60560	51.08	ug/l	100
45) 1,2-Dichloropropane	7.440	63	65571	53.47	ug/l	100
46) Dibromomethane	7.586	93	42265	51.67	ug/l	100
47) Bromodichloromethane	7.830	83	87805	52.03	ug/l	100
48) Methyl methacrylate	7.696	41	74606	52.05	ug/l	100
49) 1,4-Dioxane	7.683	88	30254	1018.53	ug/l	100
51) 4-Methyl-2-Pentanone	8.580	43	500086	258.70	ug/l	100
52) Toluene	8.726	92	153114	49.82	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	97828	53.18	ug/l	100
54) cis-1,3-Dichloropropene	8.372	75	104413	51.81	ug/l	100
55) 1,1,2-Trichloroethane	9.159	97	63390	52.29	ug/l	100
56) Ethyl methacrylate	9.122	69	102793	51.10	ug/l	100
57) 1,3-Dichloropropane	9.311	76	108743	50.92	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.250	63	275989	257.81	ug/l	100
59) 2-Hexanone	9.433	43	382325	263.41	ug/l	100
60) Dibromochloromethane	9.525	129	63339	53.85	ug/l	100
61) 1,2-Dibromoethane	9.616	107	64750	51.64	ug/l	100
64) Tetrachloroethene	9.281	164	50945	51.21	ug/l	100
65) Chlorobenzene	10.085	112	160764	50.65	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	58111	51.94	ug/l	100
67) Ethyl Benzene	10.195	91	299997	52.15	ug/l	100
68) m/p-Xylenes	10.305	106	221428	100.66	ug/l	100
69) o-Xylene	10.646	106	110485	51.77	ug/l	100
70) Styrene	10.659	104	185646	52.17	ug/l	100
71) Bromoform	10.805	173	41407	55.97	ug/l #	100
73) Isopropylbenzene	10.963	105	287924	50.11	ug/l	100
74) N-amyl acetate	10.847	43	142463	50.37	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.219	83	98827	50.31	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	89810m	40.29	ug/l	
77) Bromobenzene	11.201	156	61999	51.33	ug/l	100
78) n-propylbenzene	11.311	91	343623	50.75	ug/l	100
79) 2-Chlorotoluene	11.366	91	200103	49.27	ug/l	100
80) 1,3,5-Trimethylbenzene	11.457	105	243911	50.98	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	35538	52.53	ug/l	100
82) 4-Chlorotoluene	11.457	91	235945	50.17	ug/l	100
83) tert-Butylbenzene	11.719	119	229902	50.04	ug/l	100
84) 1,2,4-Trimethylbenzene	11.756	105	247925	50.32	ug/l	100
85) sec-Butylbenzene	11.896	105	298410	51.67	ug/l	100
86) p-Isopropyltoluene	12.012	119	253529	51.67	ug/l	100
87) 1,3-Dichlorobenzene	11.975	146	119913	50.70	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	120507	50.80	ug/l	100
89) n-Butylbenzene	12.335	91	235292	52.88	ug/l	100
90) Hexachloroethane	12.542	117	42533	51.12	ug/l	100
91) 1,2-Dichlorobenzene	12.341	146	115713	50.79	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	22548	52.21	ug/l	100
93) 1,2,4-Trichlorobenzene	13.591	180	69698	52.44	ug/l	100
94) Hexachlorobutadiene	13.731	225	25776	52.33	ug/l	100
95) Naphthalene	13.780	128	286333	53.11	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	71271	53.31	ug/l	100

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

