

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033021\
 Data File : VN066433.D
 Acq On : 30 Mar 2021 20:23
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
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MMDadoda
 3/31/2021 1:37:40 PM

Quant Time: Mar 31 03:01:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032521W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 26 16:26:01 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.584	168	396545	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.515	114	634129	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.347	117	570997	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	280107	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.949	65	258364	49.01	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.02%		
35) Dibromofluoromethane	7.509	113	199641	47.49	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.98%		
50) Toluene-d8	10.028	98	746743	46.83	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.66%		
62) 4-Bromofluorobenzene	12.345	95	264681	47.79	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.58%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.815	85	254190	50.89	ug/l	100
3) Chloromethane	2.014	50	289146	54.86	ug/l	100
4) Vinyl Chloride	2.145	62	308060	53.89	ug/l	99
5) Bromomethane	2.505	94	204230	53.26	ug/l	96
6) Chloroethane	2.647	64	190956	53.59	ug/l	99
7) Trichlorofluoromethane	2.961	101	409733	52.12	ug/l	99
8) Diethyl Ether	3.341	74	164140	51.26	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.682	101	232012	52.28	ug/l	96
10) Methyl Iodide	3.867	142	311924	49.54	ug/l	98
11) Tert butyl alcohol	4.717	59	212545	264.38	ug/l	99
12) 1,1-Dichloroethene	3.658	96	225720	49.66	ug/l	97
13) Acrolein	3.532	56	102133	246.14	ug/l	98
14) Allyl chloride	4.227	41	489059	54.42	ug/l	98
15) Acrylonitrile	4.881	53	604672	269.70	ug/l	99
16) Acetone	3.738	43	715639	251.27	ug/l	98
17) Carbon Disulfide	3.966	76	671933	50.08	ug/l	99
18) Methyl Acetate	4.235	43	445331	59.87	ug/l	99
19) Methyl tert-butyl Ether	4.948	73	659643	48.96	ug/l	99
20) Methylene Chloride	4.452	84	273687	54.99	ug/l	97
21) trans-1,2-Dichloroethene	4.929	96	200120	48.56	ug/l	99
22) Diisopropyl ether	5.857	45	736931	52.55	ug/l	99
23) Vinyl Acetate	5.798	43	3185267	266.82	ug/l	100
24) 1,1-Dichloroethane	5.747	63	397416	51.32	ug/l	99
25) 2-Butanone	6.748	43	842154	270.51	ug/l	100
26) 2,2-Dichloropropane	6.726	77	328982	47.67	ug/l	99
27) cis-1,2-Dichloroethene	6.732	96	238813	49.68	ug/l	100
28) Bromochloromethane	7.104	49	206716	52.97	ug/l	96
29) Tetrahydrofuran	7.128	42	574041	282.59	ug/l	99
30) Chloroform	7.287	83	399128	51.58	ug/l	99
31) Cyclohexane	7.571	56	355210	48.69	ug/l	97
32) 1,1,1-Trichloroethane	7.485	97	342932	50.44	ug/l	100
36) 1,1-Dichloropropene	7.710	75	289265	48.56	ug/l	99
37) Ethyl Acetate	6.844	43	350329	53.43	ug/l	99
38) Carbon Tetrachloride	7.692	117	288914	48.24	ug/l	99
39) Methylcyclohexane	9.011	83	350977	48.33	ug/l	98
40) Benzene	7.963	78	915098	50.86	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.083	41	175251	53.87	ug/l	90
42) 1,2-Dichloroethane	8.048	62	318213	49.37	ug/l	100
43) Isopropyl Acetate	8.094	43	582740	52.00	ug/l	99
44) Trichloroethene	8.764	130	226050	47.77	ug/l	100
45) 1,2-Dichloropropane	9.049	63	249470	52.05	ug/l	97
46) Dibromomethane	9.140	93	157561	50.14	ug/l	99
47) Bromodichloromethane	9.336	83	321257	49.51	ug/l	99
48) Methyl methacrylate	9.135	41	269605	50.56	ug/l	98
49) 1,4-Dioxane	9.137	88	71021	1059.64	ug/l	100
51) 4-Methyl-2-Pentanone	9.923	43	1786171	272.71	ug/l	100
52) Toluene	10.092	92	543587	49.22	ug/l	98
53) t-1,3-Dichloropropene	10.323	75	346421	49.15	ug/l	99
54) cis-1,3-Dichloropropene	9.776	75	376472	49.74	ug/l	97
55) 1,1,2-Trichloroethane	10.502	97	226916	51.10	ug/l	100
56) Ethyl methacrylate	10.371	69	339598	49.86	ug/l	97
57) 1,3-Dichloropropane	10.647	76	377525	51.23	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.631	63	155358	211.61	ug/l	99
59) 2-Hexanone	10.693	43	1274930	277.84	ug/l	100
60) Dibromochloromethane	10.843	129	244879	49.66	ug/l	98
61) 1,2-Dibromoethane	10.945	107	228993	49.46	ug/l	100
64) Tetrachloroethene	10.572	164	215424	44.33	ug/l	99
65) Chlorobenzene	11.374	112	556538	48.90	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.449	131	219695	50.12	ug/l	99
67) Ethyl Benzene	11.452	91	1026849	49.69	ug/l	99
68) m/p-Xylenes	11.564	106	770704	98.16	ug/l	100
69) o-Xylene	11.889	106	369701	48.80	ug/l	99
70) Styrene	11.908	104	624313	50.83	ug/l	99
71) Bromoform	12.069	173	183475	50.33	ug/l #	100
73) Isopropylbenzene	12.192	105	986917	47.37	ug/l	100
74) N-amyl acetate	12.015	43	393567	48.16	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.447	83	341918	51.53	ug/l	97
76) 1,2,3-Trichloropropane	12.495	75	293607m	47.77	ug/l	
77) Bromobenzene	12.468	156	256255	48.70	ug/l	99
78) n-propylbenzene	12.535	91	1121267	49.50	ug/l	98
79) 2-Chlorotoluene	12.616	91	673951	48.38	ug/l	99
80) 1,3,5-Trimethylbenzene	12.677	105	825991	48.47	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.243	75	106458	52.09	ug/l	99
82) 4-Chlorotoluene	12.715	91	689231	49.72	ug/l	99
83) tert-Butylbenzene	12.938	119	699215	47.66	ug/l	98
84) 1,2,4-Trimethylbenzene	12.983	105	803649	48.54	ug/l	100
85) sec-Butylbenzene	13.115	105	940047	49.46	ug/l	100
86) p-Isopropyltoluene	13.233	119	824200	48.42	ug/l	99
87) 1,3-Dichlorobenzene	13.225	146	431606	48.89	ug/l	100
88) 1,4-Dichlorobenzene	13.305	146	442554	48.28	ug/l	98
89) n-Butylbenzene	13.557	91	693539	49.31	ug/l	99
90) Hexachloroethane	13.815	117	155612	50.69	ug/l	97
91) 1,2-Dichlorobenzene	13.595	146	422742	48.70	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.212	75	62962	49.49	ug/l	98
93) 1,2,4-Trichlorobenzene	14.850	180	251505	46.73	ug/l	99
94) Hexachlorobutadiene	14.949	225	135176	46.04	ug/l	100
95) Naphthalene	15.067	128	759802	48.41	ug/l	99
96) 1,2,3-Trichlorobenzene	15.247	180	249844	46.18	ug/l	99

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

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