

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012521\
 Data File : VN065570.D
 Acq On : 25 Jan 2021 11:36
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 1/26/2021 5:19:47 PM

Quant Time: Jan 25 12:07:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 25 12:03:10 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.624	168	162574	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	295972	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	260424	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.312	152	110598	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	102280	51.97	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	103.94%
35) Dibromofluoromethane	7.547	113	84266	46.18	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	92.36%
50) Toluene-d8	10.058	98	328069	46.91	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	93.82%
62) 4-Bromofluorobenzene	12.373	95	117979	48.19	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	96.38%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.836	85	93932	50.59	ug/l	96
3) Chloromethane	2.036	50	137623	62.15	ug/l	98
4) Vinyl Chloride	2.168	62	138499	62.20	ug/l	99
5) Bromomethane	2.541	94	80746	55.15	ug/l	97
6) Chloroethane	2.679	64	82211	57.78	ug/l	100
7) Trichlorofluoromethane	2.994	101	145949	51.94	ug/l	98
8) Diethyl Ether	3.380	74	68946	62.43	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.721	101	86877	53.29	ug/l	94
10) Methyl Iodide	3.907	142	129561	51.54	ug/l	97
11) Tert butyl alcohol	4.762	59	103371	390.47	ug/l	99
12) 1,1-Dichloroethene	3.698	96	96018	57.78	ug/l	93
13) Acrolein	3.569	56	86635	408.33	ug/l	98
14) Allyl chloride	4.277	41	191686	71.72	ug/l	91
15) Acrylonitrile	4.936	53	273018	340.35	ug/l	100
16) Acetone	3.782	43	209308	306.91	ug/l	99
17) Carbon Disulfide	4.007	76	295348	62.47	ug/l	98
18) Methyl Acetate	4.283	43	115404	63.02	ug/l	97
19) Methyl tert-butyl Ether	4.997	73	334966	62.83	ug/l	96
20) Methylene Chloride	4.502	84	112444	54.20	ug/l	95
21) trans-1,2-Dichloroethene	4.987	96	103012	57.41	ug/l	89
22) Diisopropyl ether	5.907	45	383507	67.75	ug/l	94
23) Vinyl Acetate	5.846	43	1567629	343.75	ug/l	97
24) 1,1-Dichloroethane	5.798	63	207314	64.52	ug/l	98
25) 2-Butanone	6.791	43	347519	341.70	ug/l	96
26) 2,2-Dichloropropane	6.775	77	162139	64.26	ug/l	100
27) cis-1,2-Dichloroethene	6.782	96	120581	58.79	ug/l	91
28) Bromochloromethane	7.148	49	79990	58.12	ug/l #	81
29) Tetrahydrofuran	7.171	42	237151	342.86	ug/l	95
30) Chloroform	7.328	83	187036	57.54	ug/l	99
31) Cyclohexane	7.611	56	196583	62.66	ug/l	92
32) 1,1,1-Trichloroethane	7.524	97	152343	56.49	ug/l	98
36) 1,1-Dichloropropene	7.749	75	150056	55.42	ug/l	97
37) Ethyl Acetate	6.884	43	150531	61.12	ug/l	98
38) Carbon Tetrachloride	7.730	117	126674	48.80	ug/l	98
39) Methylcyclohexane	9.042	83	183362	57.01	ug/l	95
40) Benzene	8.000	78	466211	55.07	ug/l	100
41) Methacrylonitrile	7.126	41	75661	62.63	ug/l #	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	8.084	62	142542	51.24	ug/l	99
43) Isopropyl Acetate	8.129	43	254237	61.97	ug/l	99
44) Trichloroethene	8.798	130	111205	47.72	ug/l	94
45) 1,2-Dichloropropane	9.084	63	128502	59.54	ug/l	99
46) Dibromomethane	9.174	93	71641	50.15	ug/l	91
47) Bromodichloromethane	9.367	83	151068	54.53	ug/l	99
48) Methyl methacrylate	9.167	41	122522	63.05	ug/l	91
49) 1,4-Dioxane	9.174	88	40653	1358.27	ug/l	92
51) 4-Methyl-2-Pentanone	9.952	43	724536	300.71	ug/l	100
52) Toluene	10.122	92	273062	52.73	ug/l	98
53) t-1,3-Dichloropropene	10.351	75	178150	58.56	ug/l	98
54) cis-1,3-Dichloropropene	9.807	75	197987	59.09	ug/l	98
55) 1,1,2-Trichloroethane	10.531	97	104411	51.12	ug/l	95
56) Ethyl methacrylate	10.399	69	176694	61.11	ug/l	95
57) 1,3-Dichloropropane	10.675	76	185674	55.25	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.662	63	402558	299.94	ug/l	93
59) 2-Hexanone	10.720	43	512144	298.58	ug/l	99
60) Dibromochloromethane	10.871	129	107783	49.85	ug/l	99
61) 1,2-Dibromoethane	10.974	107	105870	50.50	ug/l	99
64) Tetrachloroethene	10.598	164	105710	44.87	ug/l	95
65) Chlorobenzene	11.402	112	275078	50.87	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.476	131	98268	49.92	ug/l	98
67) Ethyl Benzene	11.479	91	516971	54.38	ug/l	97
68) m/p-Xylenes	11.592	106	377684	104.62	ug/l	96
69) o-Xylene	11.916	106	180718	51.99	ug/l	95
70) Styrene	11.932	104	309160	54.37	ug/l	98
71) Bromoform	12.096	173	70236	48.43	ug/l #	99
73) Isopropylbenzene	12.219	105	479320	58.07	ug/l	99
74) N-ethyl acetate	12.039	43	212998	69.63	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.473	83	138831	58.01	ug/l	98
76) 1,2,3-Trichloropropane	12.524	75	140701m	61.20	ug/l	
77) Bromobenzene	12.495	156	103709	48.40	ug/l	75
78) n-propylbenzene	12.563	91	561664	59.31	ug/l	97
79) 2-Chlorotoluene	12.643	91	329302	58.27	ug/l	96
80) 1,3,5-Trimethylbenzene	12.704	105	402249	57.12	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.270	75	56266	73.85	ug/l	91
82) 4-Chlorotoluene	12.743	91	338819	58.24	ug/l	95
83) tert-Butylbenzene	12.965	119	333947	55.79	ug/l	98
84) 1,2,4-Trimethylbenzene	13.010	105	399414	57.19	ug/l	99
85) sec-Butylbenzene	13.141	105	454052	57.58	ug/l	97
86) p-Isopropyltoluene	13.257	119	404006	56.62	ug/l	99
87) 1,3-Dichlorobenzene	13.254	146	187013	49.57	ug/l	97
88) 1,4-Dichlorobenzene	13.334	146	184970	48.42	ug/l	98
89) n-Butylbenzene	13.585	91	370671	60.11	ug/l	98
90) Hexachloroethane	13.842	117	72583	60.77	ug/l	94
91) 1,2-Dichlorobenzene	13.624	146	183692	48.84	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.238	75	29302	68.14	ug/l	87
93) 1,2,4-Trichlorobenzene	14.878	180	106879	58.33	ug/l	99
94) Hexachlorobutadiene	14.977	225	45278	43.14	ug/l	99
95) Naphthalene	15.100	128	336948	64.53	ug/l	100
96) 1,2,3-Trichlorobenzene	15.280	180	104650	56.64	ug/l	99

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