

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012821\
 Data File : VN065642.D
 Acq On : 28 Jan 2021 11:57
 Operator : JC/MD
 Sample : VN0128WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0128WBS01

Manual Integrations
 APPROVED

MMDadoda
 1/29/2021 12:00:10 PM

Quant Time: Jan 29 01:20:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 25 13:47:28 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.621	168	164262	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	297060	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	259514	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.312	152	106654	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.984	65	101858	47.13	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.26%
35) Dibromofluoromethane	7.547	113	85115	48.35	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.70%
50) Toluene-d8	10.055	98	330098	47.70	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.40%
62) 4-Bromofluorobenzene	12.370	95	120695	48.44	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	96.88%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.836	85	35404	19.24	ug/l	99
3) Chloromethane	2.036	50	52704	19.49	ug/l	99
4) Vinyl Chloride	2.168	62	52170	19.05	ug/l	98
5) Bromomethane	2.544	94	31173	19.67	ug/l	99
6) Chloroethane	2.682	64	30452	19.23	ug/l	97
7) Trichlorofluoromethane	2.994	101	54174	18.93	ug/l	97
8) Diethyl Ether	3.377	74	25460	18.66	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.721	101	34633	19.94	ug/l	94
10) Methyl Iodide	3.907	142	47237	18.55	ug/l	97
11) Tert butyl alcohol	4.759	59	33601	83.01	ug/l	99
12) 1,1-Dichloroethene	3.698	96	35539	17.77	ug/l	91
13) Acrolein	3.570	56	25926	86.84	ug/l	96
14) Allyl chloride	4.274	41	72236	19.49	ug/l	91
15) Acrylonitrile	4.936	53	94058	89.19	ug/l	99
16) Acetone	3.782	43	73539	87.41	ug/l	99
17) Carbon Disulfide	4.004	76	106979	16.99	ug/l	98
18) Methyl Acetate	4.283	43	44054	18.69	ug/l	96
19) Methyl tert-butyl Ether	4.997	73	123959	18.57	ug/l	97
20) Methylene Chloride	4.499	84	43391	18.63	ug/l	95
21) trans-1,2-Dichloroethene	4.987	96	38976	18.34	ug/l	90
22) Diisopropyl ether	5.907	45	147155	19.42	ug/l	97
23) Vinyl Acetate	5.846	43	568149	93.86	ug/l	97
24) 1,1-Dichloroethane	5.795	63	77601	19.21	ug/l	98
25) 2-Butanone	6.791	43	119102	90.29	ug/l	96
26) 2,2-Dichloropropane	6.772	77	60999	18.87	ug/l	97
27) cis-1,2-Dichloroethene	6.782	96	45500	18.69	ug/l	92
28) Bromochloromethane	7.148	49	30522	17.98	ug/l	# 79
29) Tetrahydrofuran	7.171	42	82885	86.63	ug/l	95
30) Chloroform	7.325	83	69839	18.77	ug/l	97
31) Cyclohexane	7.608	56	74135	18.24	ug/l	96
32) 1,1,1-Trichloroethane	7.524	97	56755	18.74	ug/l	98
36) 1,1-Dichloropropene	7.746	75	56525	18.91	ug/l	97
37) Ethyl Acetate	6.885	43	53993	18.83	ug/l	99
38) Carbon Tetrachloride	7.730	117	46183	18.77	ug/l	98
39) Methylcyclohexane	9.042	83	65365	17.92	ug/l	94
40) Benzene	7.997	78	175682	19.24	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.126	41	27349	17.76	ug/l #	100
42) 1,2-Dichloroethane	8.084	62	53377	19.40	ug/l	98
43) Isopropyl Acetate	8.126	43	91876	18.07	ug/l	92
44) Trichloroethene	8.798	130	41730	18.84	ug/l	93
45) 1,2-Dichloropropane	9.081	63	48655	19.37	ug/l	99
46) Dibromomethane	9.171	93	26236	18.91	ug/l	90
47) Bromodichloromethane	9.367	83	55438	18.62	ug/l	98
48) Methyl methacrylate	9.164	41	42486	17.61	ug/l	93
49) 1,4-Dioxane	9.174	88	14163	362.81	ug/l	91
51) 4-Methyl-2-Pentanone	9.952	43	254127	90.65	ug/l	99
52) Toluene	10.122	92	103134	19.07	ug/l	99
53) t-1,3-Dichloropropene	10.347	75	63097	18.20	ug/l	99
54) cis-1,3-Dichloropropene	9.804	75	72874	18.87	ug/l	97
55) 1,1,2-Trichloroethane	10.531	97	39684	19.24	ug/l	95
56) Ethyl methacrylate	10.396	69	64065	18.78	ug/l	94
57) 1,3-Dichloropropane	10.675	76	69575	19.17	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.659	63	138153	87.70	ug/l	92
59) 2-Hexanone	10.720	43	176084	90.47	ug/l	100
60) Dibromochloromethane	10.871	129	38174	18.11	ug/l	100
61) 1,2-Dibromoethane	10.974	107	38193	18.58	ug/l	100
64) Tetrachloroethene	10.598	164	41088	18.89	ug/l	96
65) Chlorobenzene	11.402	112	102353	18.85	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.476	131	36030	18.77	ug/l	98
67) Ethyl Benzene	11.479	91	192995	18.92	ug/l	98
68) m/p-Xylenes	11.592	106	141094	38.21	ug/l	98
69) o-Xylene	11.916	106	68722	19.21	ug/l	96
70) Styrene	11.933	104	112836	19.16	ug/l	99
71) Bromoform	12.097	173	23462	17.68	ug/l #	98
73) Isopropylbenzene	12.219	105	179011	19.17	ug/l	98
74) N-amyl acetate	12.042	43	72739	18.41	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.476	83	50037	18.14	ug/l	98
76) 1,2,3-Trichloropropane	12.524	75	49821m	17.86	ug/l	
77) Bromobenzene	12.495	156	38133	18.86	ug/l	75
78) n-propylbenzene	12.563	91	202142	18.37	ug/l	97
79) 2-Chlorotoluene	12.643	91	123202	18.85	ug/l	95
80) 1,3,5-Trimethylbenzene	12.701	105	148719	18.70	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.270	75	18373	16.87	ug/l	92
82) 4-Chlorotoluene	12.743	91	123546	18.52	ug/l	96
83) tert-Butylbenzene	12.965	119	122250	18.44	ug/l	98
84) 1,2,4-Trimethylbenzene	13.010	105	147336	18.58	ug/l	100
85) sec-Butylbenzene	13.141	105	160207	17.90	ug/l	98
86) p-Isopropyltoluene	13.257	119	143589	18.17	ug/l	99
87) 1,3-Dichlorobenzene	13.254	146	68006	18.87	ug/l	96
88) 1,4-Dichlorobenzene	13.334	146	66143	18.08	ug/l	96
89) n-Butylbenzene	13.585	91	126184	17.77	ug/l	98
90) Hexachloroethane	13.842	117	24279	17.56	ug/l	91
91) 1,2-Dichlorobenzene	13.624	146	66707	18.65	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.238	75	9221	16.85	ug/l	85
93) 1,2,4-Trichlorobenzene	14.878	180	31451	16.90	ug/l	100
94) Hexachlorobutadiene	14.977	225	14861	16.95	ug/l	100
95) Naphthalene	15.100	128	97101	16.53	ug/l	100
96) 1,2,3-Trichlorobenzene	15.280	180	31910	16.94	ug/l	99

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

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