

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020821\
 Data File : VN065750.D
 Acq On : 8 Feb 2021 12:04
 Operator : JC/MD
 Sample : VN0208WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0208WBS01

Manual Integrations
 APPROVED

MMDadoda
 2/9/2021 10:30:38 AM

Quant Time: Feb 09 00:37:55 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	147042	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	259319	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	230938	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.312	152	97333	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.984	65	80768	41.75	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	83.50%		
35) Dibromofluoromethane	7.547	113	72626	47.26	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	94.52%		
50) Toluene-d8	10.055	98	275908	45.68	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	91.36%		
62) 4-Bromofluorobenzene	12.370	95	102876	47.30	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	94.60%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.836	85	29551	17.94	ug/l	98
3) Chloromethane	2.039	50	43343	17.91	ug/l	99
4) Vinyl Chloride	2.168	62	43981	17.94	ug/l	100
5) Bromomethane	2.534	94	27699	19.52	ug/l	100
6) Chloroethane	2.676	64	25422	17.93	ug/l	100
7) Trichlorofluoromethane	2.987	101	46911	18.31	ug/l	99
8) Diethyl Ether	3.373	74	21925	17.95	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.711	101	29746	19.13	ug/l	94
10) Methyl Iodide	3.901	142	42918	18.83	ug/l	97
11) Tert butyl alcohol	4.759	59	29314	80.90	ug/l #	87
12) 1,1-Dichloroethene	3.692	96	30239	16.89	ug/l	99
13) Acrolein	3.566	56	23158	86.69	ug/l	98
14) Allyl chloride	4.267	41	55506	16.73	ug/l	89
15) Acrylonitrile	4.936	53	79121	83.82	ug/l	98
16) Acetone	3.775	43	60221	79.97	ug/l	97
17) Carbon Disulfide	3.997	76	83340	14.79	ug/l	98
18) Methyl Acetate	4.280	43	38766	18.37	ug/l	96
19) Methyl tert-butyl Ether	4.997	73	100592	16.83	ug/l	98
20) Methylene Chloride	4.495	84	36915	17.70	ug/l	98
21) trans-1,2-Dichloroethene	4.981	96	33490	17.60	ug/l	92
22) Diisopropyl ether	5.904	45	115178	16.98	ug/l	97
23) Vinyl Acetate	5.843	43	438968	81.01	ug/l	100
24) 1,1-Dichloroethane	5.794	63	64010	17.70	ug/l	97
25) 2-Butanone	6.791	43	97549	82.61	ug/l	97
26) 2,2-Dichloropropane	6.769	77	48889	16.90	ug/l	100
27) cis-1,2-Dichloroethene	6.778	96	38833	17.81	ug/l	95
28) Bromochloromethane	7.148	49	22765	14.98	ug/l	89
29) Tetrahydrofuran	7.171	42	68520	80.00	ug/l	97
30) Chloroform	7.325	83	59626	17.90	ug/l	99
31) Cyclohexane	7.608	56	58584	16.10	ug/l	96
32) 1,1,1-Trichloroethane	7.524	97	46929	17.31	ug/l	98
36) 1,1-Dichloropropene	7.746	75	46735	17.91	ug/l	97
37) Ethyl Acetate	6.888	43	44027	17.59	ug/l	99
38) Carbon Tetrachloride	7.730	117	39396	18.34	ug/l	98
39) Methylcyclohexane	9.042	83	52919	16.62	ug/l	97
40) Benzene	7.997	78	147019	18.45	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.122	41	23035m	17.14	ug/l	
42) 1,2-Dichloroethane	8.084	62	45026	18.74	ug/l	100
43) Isopropyl Acetate	8.126	43	71599	16.13	ug/l	93
44) Trichloroethene	8.794	130	37139	19.21	ug/l	97
45) 1,2-Dichloropropane	9.081	63	40951	18.68	ug/l	98
46) Dibromomethane	9.171	93	22884	18.89	ug/l	94
47) Bromodichloromethane	9.367	83	45522	17.52	ug/l	99
48) Methyl methacrylate	9.164	41	34428	16.35	ug/l	94
49) 1,4-Dioxane	9.167	88	13055	383.10	ug/l	92
51) 4-Methyl-2-Pentanone	9.952	43	213686	87.32	ug/l	99
52) Toluene	10.119	92	90803	19.24	ug/l	98
53) t-1,3-Dichloropropene	10.347	75	53173	17.57	ug/l	94
54) cis-1,3-Dichloropropene	9.804	75	60488	17.95	ug/l	97
55) 1,1,2-Trichloroethane	10.531	97	35668	19.81	ug/l	97
56) Ethyl methacrylate	10.399	69	52147	17.52	ug/l #	94
57) 1,3-Dichloropropane	10.675	76	61019	19.25	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.659	63	109680	79.76	ug/l	94
59) 2-Hexanone	10.720	43	148336	87.31	ug/l	99
60) Dibromochloromethane	10.868	129	33963	18.46	ug/l	98
61) 1,2-Dibromoethane	10.974	107	34601	19.28	ug/l	98
64) Tetrachloroethene	10.598	164	36299	18.76	ug/l	97
65) Chlorobenzene	11.402	112	95220	19.71	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.479	131	31966	18.72	ug/l	95
67) Ethyl Benzene	11.479	91	168081	18.52	ug/l	99
68) m/p-Xylenes	11.592	106	127159	38.70	ug/l	99
69) o-Xylene	11.916	106	61992	19.47	ug/l	99
70) Styrene	11.932	104	100146	19.11	ug/l	100
71) Bromoform	12.096	173	21186	17.94	ug/l #	99
73) Isopropylbenzene	12.219	105	159813	18.75	ug/l	100
74) N-amyl acetate	12.042	43	58489	16.23	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.473	83	45529	18.09	ug/l	99
76) 1,2,3-Trichloropropane	12.524	75	44863m	17.63	ug/l	
77) Bromobenzene	12.495	156	36458	19.76	ug/l	83
78) n-propylbenzene	12.559	91	180721	17.99	ug/l	99
79) 2-Chlorotoluene	12.643	91	110272	18.49	ug/l	96
80) 1,3,5-Trimethylbenzene	12.701	105	134839	18.58	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.270	75	15366	15.46	ug/l	93
82) 4-Chlorotoluene	12.743	91	109963	18.06	ug/l	98
83) tert-Butylbenzene	12.965	119	111222	18.38	ug/l	98
84) 1,2,4-Trimethylbenzene	13.010	105	134732	18.62	ug/l	99
85) sec-Butylbenzene	13.141	105	147433	18.05	ug/l	98
86) p-Isopropyltoluene	13.257	119	131910	18.29	ug/l	98
87) 1,3-Dichlorobenzene	13.251	146	64296	19.55	ug/l	97
88) 1,4-Dichlorobenzene	13.334	146	63734	19.09	ug/l	97
89) n-Butylbenzene	13.585	91	110675	17.08	ug/l	98
90) Hexachloroethane	13.842	117	21875	17.33	ug/l	93
91) 1,2-Dichlorobenzene	13.624	146	63685	19.51	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.238	75	7732	15.48	ug/l	94
93) 1,2,4-Trichlorobenzene	14.878	180	29459	17.26	ug/l	99
94) Hexachlorobutadiene	14.977	225	14660	18.31	ug/l	98
95) Naphthalene	15.100	128	87630	16.39	ug/l	100
96) 1,2,3-Trichlorobenzene	15.280	180	29753	17.25	ug/l	99

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

