

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061521\
 Data File : VN067348.D
 Acq On : 15 Jun 2021 16:00
 Operator : JC/MD
 Sample : VN0615WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0615WBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/16/2021 5:03:21 PM

Quant Time: Jun 16 02:39:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 15 05:19:42 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	312870	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	611359	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	557545	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.680	152	227417	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	315213	51.071	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.140%			
35) Dibromofluoromethane	8.024	113	196222	48.259	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 96.520%			
50) Toluene-d8	10.446	98	753238	48.333	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 96.660%			
62) 4-Bromofluorobenzene	12.736	95	305974	47.574	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 95.140%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.070	85	95124	19.425	ug/l	100
3) Chloromethane	2.301	50	98651	20.770	ug/l	99
4) Vinyl Chloride	2.443	62	93877	20.160	ug/l	100
5) Bromomethane	2.832	94	47060	23.821	ug/l	99
6) Chloroethane	3.006	64	56642	19.801	ug/l	94
7) Trichlorofluoromethane	3.365	101	127745	19.764	ug/l	96
8) Diethyl Ether	3.818	74	54663	20.791	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.199	101	77119	19.837	ug/l	98
10) Methyl Iodide	4.417	142	73835	22.752	ug/l	99
11) Tert butyl alcohol	5.390	59	101323	99.722	ug/l	99
12) 1,1-Dichloroethene	4.170	96	72753	19.389	ug/l	95
13) Acrolein	4.038	56	58753	92.638	ug/l	99
14) Allyl chloride	4.838	41	158844	19.079	ug/l	99
15) Acrylonitrile	5.556	53	239719	107.492	ug/l	100
16) Acetone	4.288	43	212683	89.795	ug/l	95
17) Carbon Disulfide	4.521	76	226938	18.725	ug/l	100
18) Methyl Acetate	4.862	43	112843	19.648	ug/l #	75
19) Methyl tert-butyl Ether	5.618	73	323798	21.497	ug/l	98
20) Methylene Chloride	5.095	84	94446	19.164	ug/l	99
21) trans-1,2-Dichloroethene	5.594	96	79922	19.220	ug/l	97
22) Diisopropyl ether	6.503	45	322764	21.002	ug/l	96
23) Vinyl Acetate	6.433	43	1441694	102.378	ug/l	100
24) 1,1-Dichloroethane	6.388	63	175271	20.330	ug/l	99
25) 2-Butanone	7.340	43	337864	99.827	ug/l	98
26) 2,2-Dichloropropane	7.327	77	152131	17.410	ug/l	99
27) cis-1,2-Dichloroethene	7.324	96	96682	19.759	ug/l	100
28) Bromochloromethane	7.656	49	74586	18.590	ug/l	98
29) Tetrahydrofuran	7.691	42	220871	103.508	ug/l	99
30) Chloroform	7.820	83	179099	19.787	ug/l	100
31) Cyclohexane	8.094	56	164118	19.560	ug/l	96
32) 1,1,1-Trichloroethane	8.016	97	161232	19.393	ug/l	99
36) 1,1-Dichloropropene	8.220	75	129572	18.905	ug/l	99
37) Ethyl Acetate	7.415	43	141314	19.461	ug/l	99
38) Carbon Tetrachloride	8.206	117	131940	17.910	ug/l	99
39) Methylcyclohexane	9.461	83	146574	20.206	ug/l	98
40) Benzene	8.461	78	376047	19.658	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	72780	19.281	ug/l	99
42) 1,2-Dichloroethane	8.533	62	164756	20.382	ug/l	100
43) Isopropyl Acetate	8.563	43	250597	19.228	ug/l	100
44) Trichloroethene	9.217	130	86084	19.243	ug/l	98
45) 1,2-Dichloropropane	9.494	63	101818	19.956	ug/l	98
46) Dibromomethane	9.579	93	68751	19.806	ug/l	99
47) Bromodichloromethane	9.764	83	147466	18.939	ug/l	99
48) Methyl methacrylate	9.563	41	114451	19.259	ug/l	97
49) 1,4-Dioxane	9.574	88	34947	429.661	ug/l	99
51) 4-Methyl-2-Pentanone	10.336	43	742536	98.955	ug/l	100
52) Toluene	10.507	92	232578	19.334	ug/l	99
53) t-1,3-Dichloropropene	10.722	75	163447	18.956	ug/l	98
54) cis-1,3-Dichloropropene	10.191	75	165562	18.999	ug/l	98
55) 1,1,2-Trichloroethane	10.902	97	90305	19.416	ug/l	97
56) Ethyl methacrylate	10.765	69	162744	19.463	ug/l	98
57) 1,3-Dichloropropane	11.049	76	167596	19.727	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.043	63	193234	79.410	ug/l	100
59) 2-Hexanone	11.089	43	525537	95.596	ug/l	99
60) Dibromochloromethane	11.242	129	95636	18.806	ug/l	99
61) 1,2-Dibromoethane	11.349	107	93911	19.287	ug/l	98
64) Tetrachloroethene	10.979	164	79867	20.175	ug/l	98
65) Chlorobenzene	11.773	112	237782	19.599	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.846	131	88600	19.610	ug/l	98
67) Ethyl Benzene	11.848	91	464693	19.368	ug/l	99
68) m/p-Xylenes	11.956	106	326944	38.334	ug/l	100
69) o-Xylene	12.283	106	162266	19.451	ug/l	99
70) Styrene	12.299	104	265581	19.153	ug/l	99
71) Bromoform	12.460	173	63993	18.537	ug/l #	99
73) Isopropylbenzene	12.583	105	425225	19.486	ug/l	100
74) N-amyl acetate	12.390	43	204741	19.218	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.830	83	133460	20.514	ug/l	98
76) 1,2,3-Trichloropropane	12.886	75	109111m	18.476	ug/l	
77) Bromobenzene	12.865	156	86678	19.505	ug/l	98
78) n-propylbenzene	12.924	91	508019	19.573	ug/l	99
79) 2-Chlorotoluene	13.012	91	322813	19.974	ug/l	99
80) 1,3,5-Trimethylbenzene	13.063	105	363664	19.783	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.629	75	40934	17.178	ug/l	97
82) 4-Chlorotoluene	13.109	91	313057	19.455	ug/l	98
83) tert-Butylbenzene	13.329	119	292745	20.000	ug/l	98
84) 1,2,4-Trimethylbenzene	13.372	105	355889	19.596	ug/l	99
85) sec-Butylbenzene	13.506	105	415350	20.042	ug/l	100
86) p-Isopropyltoluene	13.618	119	324628	19.409	ug/l	99
87) 1,3-Dichlorobenzene	13.621	146	158337	19.753	ug/l	99
88) 1,4-Dichlorobenzene	13.699	146	155770	19.319	ug/l	99
89) n-Butylbenzene	13.946	91	307177	19.546	ug/l	99
90) Hexachloroethane	14.217	117	62622	19.146	ug/l	99
91) 1,2-Dichlorobenzene	13.994	146	153169	20.138	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.608	75	29886	18.376	ug/l	98
93) 1,2,4-Trichlorobenzene	15.271	180	75042	18.897	ug/l	97
94) Hexachlorobutadiene	15.378	225	42297	18.548	ug/l	99
95) Naphthalene	15.509	128	228827	18.309	ug/l	99
96) 1,2,3-Trichlorobenzene	15.710	180	71727	18.815	ug/l	100

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

