

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012319\
 Data File : VN053531.D
 Acq On : 23 Jan 2019 12:16
 Operator : JC/SP
 Sample : VN0123WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0123WBSD01

Manual Integrations
 APPROVED

MMDadoda
 1/24/2019 11:53:37 AM

Quant Time: Jan 24 02:42:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 16 03:10:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	694076	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1049174	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	949647	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	462277	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	364013	53.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.12%	
35) Dibromofluoromethane	7.59	113	325021	54.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.56%	
50) Toluene-d8	10.09	98	1287625	50.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.70%	
62) 4-Bromofluorobenzene	12.40	95	449811	50.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	107614	19.284	ug/l	99
3) Chloromethane	2.06	50	147501	18.487	ug/l	99
4) Vinyl Chloride	2.19	62	148675	19.331	ug/l	99
5) Bromomethane	2.57	94	103464	19.606	ug/l	98
6) Chloroethane	2.71	64	91079	19.587	ug/l	99
7) Trichlorofluoromethane	3.03	101	206309	20.508	ug/l	100
8) Diethyl Ether	3.41	74	80691	21.356	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	127495	20.012	ug/l	99
10) Methyl Iodide	3.96	142	192191	19.740	ug/l	100
11) Tert butyl alcohol	4.78	59	48330m	143.974	ug/l	
12) 1,1-Dichloroethene	3.74	96	125527	20.314	ug/l	97
13) Acrolein	3.61	56	73097	124.181	ug/l	100
14) Allyl chloride	4.33	41	205295	20.453	ug/l	98
15) Acrylonitrile	4.99	53	252174	114.148	ug/l	99
16) Acetone	3.82	43	185122	115.015	ug/l	98
17) Carbon Disulfide	4.06	76	345604	18.494	ug/l	99
18) Methyl Acetate	4.32	43	127121	23.442	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	361442	22.013	ug/l	100
20) Methylene Chloride	4.55	84	148814	20.251	ug/l	97
21) trans-1,2-Dichloroethene	5.05	96	132468	20.051	ug/l	99
22) Diisopropyl ether	5.95	45	449408	21.447	ug/l	98
23) Vinyl Acetate	5.90	43	1419510	110.204	ug/l	99
24) 1,1-Dichloroethane	5.85	63	261959	21.147	ug/l	98
25) 2-Butanone	6.83	43	287481	115.905	ug/l	100
26) 2,2-Dichloropropane	6.83	77	189572	20.269	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	158635	20.998	ug/l	99
28) Bromochloromethane	7.19	49	111339	20.403	ug/l	98
29) Tetrahydrofuran	7.21	42	190081	117.719	ug/l	100
30) Chloroform	7.37	83	257506	21.336	ug/l	99
31) Cyclohexane	7.65	56	232433	19.143	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	212599	20.766	ug/l	99
36) 1,1-Dichloropropene	7.80	75	189687	19.852	ug/l	99
37) Ethyl Acetate	6.93	43	125350	22.802	ug/l	100
38) Carbon Tetrachloride	7.78	117	184328	20.377	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	226397	19.170	ug/l	99
40) Benzene	8.04	78	598228	20.603	ug/l	99
41) Methacrylonitrile	7.18	41	72242	22.488	ug/l	96
42) 1,2-Dichloroethane	8.13	62	181988	21.514	ug/l	100
43) Isopropyl Acetate	8.16	43	226270	22.891	ug/l	98
44) Trichloroethene	8.84	130	165165	20.512	ug/l	100
45) 1,2-Dichloropropane	9.12	63	159608	20.753	ug/l	99
46) Dibromomethane	9.21	93	93888	21.248	ug/l	99
47) Bromodichloromethane	9.40	83	195740	21.065	ug/l	98
48) Methyl methacrylate	9.20	41	110128	21.578	ug/l	97
49) 1,4-Dioxane	9.20	88	30138	604.646	ug/l	96
51) 4-Methyl-2-Pentanone	9.98	43	633934	117.482	ug/l	100
52) Toluene	10.16	92	373979	20.747	ug/l	97
53) t-1,3-Dichloropropene	10.38	75	197359	20.954	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	230527	20.879	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	136240	21.922	ug/l	100
56) Ethyl methacrylate	10.43	69	173302	20.898	ug/l	100
57) 1,3-Dichloropropane	10.71	76	229383	21.336	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	454683	104.579	ug/l	99
59) 2-Hexanone	10.75	43	434060	114.590	ug/l	99
60) Dibromochloromethane	10.90	129	148967	21.134	ug/l	98
61) 1,2-Dibromoethane	11.01	107	132505	21.082	ug/l	98
64) Tetrachloroethene	10.63	164	183862	20.545	ug/l	99
65) Chlorobenzene	11.43	112	416737	20.732	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	147945	21.157	ug/l	99
67) Ethyl Benzene	11.51	91	694116	20.262	ug/l	100
68) m/p-Xylenes	11.62	106	538131	41.606	ug/l	99
69) o-Xylene	11.95	106	260855	20.756	ug/l	99
70) Styrene	11.96	104	429133	21.039	ug/l	99
71) Bromoform	12.13	173	106561	22.135	ug/l #	99
73) Isopropylbenzene	12.25	105	694870	20.526	ug/l	100
74) N-amyl acetate	12.07	43	197576	21.894	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	156578	22.054	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	139961m	22.975	ug/l	
77) Bromobenzene	12.53	156	185817	20.831	ug/l	99
78) n-propylbenzene	12.59	91	797788	20.530	ug/l	100
79) 2-Chlorotoluene	12.67	91	474354	20.594	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	575058	20.878	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	46481	20.865	ug/l	94
82) 4-Chlorotoluene	12.77	91	487312	20.746	ug/l	100
83) tert-Butylbenzene	12.99	119	504525	20.739	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	582492	20.974	ug/l	98
85) sec-Butylbenzene	13.17	105	692705	20.762	ug/l	99
86) p-Isopropyltoluene	13.29	119	607209	20.961	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	326613	20.815	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	322445	20.486	ug/l	99
89) n-Butylbenzene	13.62	91	499873	20.243	ug/l	99
90) Hexachloroethane	13.88	117	94367	20.771	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	318268	22.047	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	24349	27.047	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	145945	24.412	ug/l	100
94) Hexachlorobutadiene	15.01	225	103190	22.915	ug/l	98
95) Naphthalene	15.13	128	261822	25.522	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	113463	26.348	ug/l	99

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

