

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080819\
 Data File : VN057122.D
 Acq On : 8 Aug 2019 11:08
 Operator : JC/SP
 Sample : VN0808WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0808WBS01

Manual Integrations
 APPROVED

MMDadoda
 8/9/2019 9:27:56 AM

Quant Time: Aug 09 03:31:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080719W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:49:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	1222023	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.01	114	1790369	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.90	117	1555921	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.87	152	548456	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.44	65	632519	50.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.66%	
35) Dibromofluoromethane	6.98	113	594376	52.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.80%	
50) Toluene-d8	9.56	98	2231908	51.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.86%	
62) 4-Bromofluorobenzene	11.92	95	696453	50.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.82	85	185238	18.860	ug/l	99
3) Chloromethane	2.00	50	243428	18.653	ug/l	98
4) Vinyl Chloride	2.11	62	239235	19.722	ug/l	98
5) Bromomethane	2.43	94	172904	20.978	ug/l	97
6) Chloroethane	2.55	64	150861	19.390	ug/l	97
7) Trichlorofluoromethane	2.82	101	335275	19.229	ug/l	99
8) Diethyl Ether	3.14	74	131088	19.460	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.44	101	209961	19.864	ug/l	98
10) Methyl Iodide	3.63	142	300957	18.842	ug/l	99
11) Tert butyl alcohol	4.23	59	159291	89.068	ug/l	99
12) 1,1-Dichloroethene	3.43	96	210225	20.217	ug/l	97
13) Acrolein	3.31	56	92128	81.429	ug/l	99
14) Allyl chloride	3.91	41	309354	20.472	ug/l	98
15) Acrylonitrile	4.44	53	477624	98.678	ug/l	99
16) Acetone	3.47	43	426998	112.503	ug/l	97
17) Carbon Disulfide	3.72	76	546603	19.760	ug/l	99
18) Methyl Acetate	3.89	43	228907	19.846	ug/l	100
19) Methyl tert-butyl Ether	4.49	73	637350	20.303	ug/l	98
20) Methylene Chloride	4.10	84	237964	18.998	ug/l	99
21) trans-1,2-Dichloroethene	4.50	96	223252	19.709	ug/l	98
22) Diisopropyl ether	5.31	45	664221	20.152	ug/l	97
23) Vinyl Acetate	5.26	43	2575009	102.019	ug/l	100
24) 1,1-Dichloroethane	5.25	63	402237	19.851	ug/l	99
25) 2-Butanone	6.20	43	598358	103.186	ug/l	97
26) 2,2-Dichloropropane	6.21	77	320282	21.726	ug/l	98
27) cis-1,2-Dichloroethene	6.21	96	262662	20.241	ug/l	99
28) Bromochloromethane	6.58	49	163983	17.595	ug/l	95
29) Tetrahydrofuran	6.60	42	385998	98.813	ug/l	100
30) Chloroform	6.75	83	406014	19.360	ug/l	99
31) Cyclohexane	7.06	56	358775	19.681	ug/l	99
32) 1,1,1-Trichloroethane	6.97	97	347156	19.733	ug/l	99
36) 1,1-Dichloropropene	7.20	75	302825	20.543	ug/l	99
37) Ethyl Acetate	6.28	43	239835	19.729	ug/l #	99
38) Carbon Tetrachloride	7.18	117	298530	19.432	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.52	83	368157	20.537	ug/l	98
40) Benzene	7.46	78	931133	19.953	ug/l	98
41) Methacrylonitrile	6.55	41	126854	20.551	ug/l	98
42) 1,2-Dichloroethane	7.54	62	292769	19.671	ug/l	100
43) Isopropyl Acetate	7.56	43	406186	19.587	ug/l	99
44) Trichloroethene	8.27	130	268535	20.540	ug/l	98
45) 1,2-Dichloropropane	8.56	63	243552	20.156	ug/l	100
46) Dibromomethane	8.65	93	156585	20.211	ug/l	99
47) Bromodichloromethane	8.85	83	303165	20.223	ug/l	97
48) Methyl methacrylate	8.63	41	186728	19.096	ug/l	98
49) 1,4-Dioxane	8.64	88	81188	407.661	ug/l	96
51) 4-Methyl-2-Pentanone	9.44	43	1194110	98.942	ug/l	100
52) Toluene	9.62	92	595066	20.543	ug/l	98
53) t-1,3-Dichloropropene	9.86	75	326404	20.842	ug/l	100
54) cis-1,3-Dichloropropene	9.30	75	375193	20.879	ug/l	100
55) 1,1,2-Trichloroethane	10.04	97	226218	19.860	ug/l	99
56) Ethyl methacrylate	9.90	69	316437	19.841	ug/l	98
57) 1,3-Dichloropropane	10.19	76	371715	19.788	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.15	63	599994	102.511	ug/l	98
59) 2-Hexanone	10.24	43	817510	100.086	ug/l	99
60) Dibromochloromethane	10.39	129	244787	20.462	ug/l	100
61) 1,2-Dibromoethane	10.50	107	233376	19.855	ug/l	99
64) Tetrachloroethene	10.11	164	263397	20.356	ug/l	96
65) Chlorobenzene	10.93	112	627343	20.039	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.01	131	240198	20.522	ug/l	99
67) Ethyl Benzene	11.01	91	1104481	20.498	ug/l	99
68) m/p-Xylenes	11.12	106	833791	42.004	ug/l	99
69) o-Xylene	11.46	106	409099	20.708	ug/l	97
70) Styrene	11.47	104	625522	20.272	ug/l	100
71) Bromoform	11.64	173	174851	20.394	ug/l #	100
73) Isopropylbenzene	11.76	105	1088704	22.944	ug/l	99
74) N-amyl acetate	11.58	43	277881	19.994	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.02	83	297108	22.523	ug/l	99
76) 1,2,3-Trichloropropane	12.07	75	255890m	22.259	ug/l	
77) Bromobenzene	12.04	156	267233	20.271	ug/l	98
78) n-propylbenzene	12.11	91	1104903	20.999	ug/l	100
79) 2-Chlorotoluene	12.19	91	691310	22.513	ug/l	99
80) 1,3,5-Trimethylbenzene	12.26	105	893054	21.091	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.81	75	78639	21.082	ug/l	99
82) 4-Chlorotoluene	12.30	91	625482	20.531	ug/l	100
83) tert-Butylbenzene	12.52	119	796449	22.721	ug/l	98
84) 1,2,4-Trimethylbenzene	12.57	105	827045	20.208	ug/l	100
85) sec-Butylbenzene	12.70	105	983995	20.593	ug/l	99
86) p-Isopropyltoluene	12.82	119	859133	20.490	ug/l	99
87) 1,3-Dichlorobenzene	12.81	146	391506	20.861	ug/l	99
88) 1,4-Dichlorobenzene	12.89	146	362741	20.399	ug/l	98
89) n-Butylbenzene	13.15	91	595955	20.573	ug/l	100
90) Hexachloroethane	13.41	117	153729	22.537	ug/l	98
91) 1,2-Dichlorobenzene	13.18	146	395277	21.091	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.81	75	37643	19.525	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.45	180	116884	18.891	ug/l	99
94) Hexachlorobutadiene	14.55	225	168699	23.820	ug/l	99
95) Naphthalene	14.66	128	224715	17.811	ug/l	100
96) 1,2,3-Trichlorobenzene	14.83	180	124247	19.105	ug/l	99

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

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