

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081319\
 Data File : VN057254.D
 Acq On : 13 Aug 2019 18:36
 Operator : JC/SP
 Sample : VN0813WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0813WBSD01

Manual Integrations
 APPROVED

MMDadoda
 8/16/2019 8:58:25 AM

Quant Time: Aug 14 11:16:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081319W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 14 06:25:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1258110	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1853581	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1652060	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	589928	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.02	65	622544	49.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.10%	
35) Dibromofluoromethane	7.58	113	557740	47.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.24%	
50) Toluene-d8	10.09	98	2126899	49.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.54%	
62) 4-Bromofluorobenzene	12.40	95	668953	45.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	200549	18.910	ug/l	98
3) Chloromethane	2.05	50	232327	19.323	ug/l	99
4) Vinyl Chloride	2.18	62	228676	19.580	ug/l	100
5) Bromomethane	2.54	94	173238m	21.046	ug/l	
6) Chloroethane	2.69	64	155435	20.655	ug/l	98
7) Trichlorofluoromethane	3.02	101	352809	19.200	ug/l	99
8) Diethyl Ether	3.41	74	129635	19.468	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	216336	19.606	ug/l	99
10) Methyl Iodide	3.95	142	331602	19.346	ug/l	99
11) Tert butyl alcohol	4.76	59	170521	99.770	ug/l #	83
12) 1,1-Dichloroethene	3.73	96	216987	19.820	ug/l	98
13) Acrolein	3.60	56	116091	94.939	ug/l	98
14) Allyl chloride	4.32	41	322787	19.436	ug/l	100
15) Acrylonitrile	4.97	53	488149	101.379	ug/l	100
16) Acetone	3.81	43	381020	87.567	ug/l	99
17) Carbon Disulfide	4.05	76	559554	18.698	ug/l	99
18) Methyl Acetate	4.31	43	236114	20.360	ug/l	98
19) Methyl tert-butyl Ether	5.03	73	643637	19.689	ug/l	99
20) Methylene Chloride	4.54	84	242978	19.116	ug/l	96
21) trans-1,2-Dichloroethene	5.03	96	229346	19.652	ug/l	99
22) Diisopropyl ether	5.94	45	649715	19.897	ug/l	100
23) Vinyl Acetate	5.88	43	2598173	100.410	ug/l	100
24) 1,1-Dichloroethane	5.84	63	395482	19.224	ug/l	98
25) 2-Butanone	6.82	43	603405	97.539	ug/l	99
26) 2,2-Dichloropropane	6.81	77	302453	17.919	ug/l	98
27) cis-1,2-Dichloroethene	6.82	96	260745	19.375	ug/l	100
28) Bromochloromethane	7.19	49	180644	19.899	ug/l	100
29) Tetrahydrofuran	7.20	42	400368	101.238	ug/l	99
30) Chloroform	7.36	83	413897	19.260	ug/l	98
31) Cyclohexane	7.65	56	350030	19.468	ug/l	93
32) 1,1,1-Trichloroethane	7.56	97	356528	19.613	ug/l	100
36) 1,1-Dichloropropene	7.79	75	306856	18.935	ug/l	99
37) Ethyl Acetate	6.91	43	264547	20.310	ug/l	97
38) Carbon Tetrachloride	7.77	117	320515	18.619	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	364659	19.006	ug/l	99
40) Benzene	8.04	78	949494	19.286	ug/l	99
41) Methacrylonitrile	7.16	41	115011m	21.456	ug/l	
42) 1,2-Dichloroethane	8.12	62	304531	19.303	ug/l	100
43) Isopropyl Acetate	8.16	43	427015	19.906	ug/l	100
44) Trichloroethene	8.83	130	269216	18.864	ug/l	98
45) 1,2-Dichloropropane	9.11	63	245142	19.655	ug/l	98
46) Dibromomethane	9.20	93	161628	19.220	ug/l	98
47) Bromodichloromethane	9.40	83	315469	19.457	ug/l	99
48) Methyl methacrylate	9.19	41	204553	20.608	ug/l	98
49) 1,4-Dioxane	9.19	88	88453	395.435	ug/l	98
51) 4-Methyl-2-Pentanone	9.98	43	1264191	100.361	ug/l	100
52) Toluene	10.15	92	597134	19.523	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	338318	19.508	ug/l	98
54) cis-1,3-Dichloropropene	9.83	75	376884	19.283	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	232101	19.414	ug/l	99
56) Ethyl methacrylate	10.43	69	332062	19.798	ug/l	99
57) 1,3-Dichloropropane	10.71	76	383863	19.461	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	383264	92.276	ug/l	100
59) 2-Hexanone	10.75	43	877537	98.187	ug/l	99
60) Dibromochloromethane	10.90	129	254259	18.965	ug/l	97
61) 1,2-Dibromoethane	11.00	107	246856	19.889	ug/l	99
64) Tetrachloroethene	10.63	164	283595	19.435	ug/l	96
65) Chlorobenzene	11.43	112	637765	18.866	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	251185	19.241	ug/l	100
67) Ethyl Benzene	11.51	91	1107429	19.189	ug/l	99
68) m/p-Xylenes	11.62	106	825676	38.345	ug/l	99
69) o-Xylene	11.95	106	402466	19.089	ug/l	100
70) Styrene	11.96	104	631352	19.342	ug/l	99
71) Bromoform	12.13	173	192479	19.242	ug/l #	100
73) Isopropylbenzene	12.25	105	1093779	22.431	ug/l	99
74) N-amyl acetate	12.07	43	305874	21.459	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	308609	22.816	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	254413m	22.758	ug/l	
77) Bromobenzene	12.53	156	286051	22.001	ug/l	96
78) n-propylbenzene	12.59	91	1071951	20.980	ug/l	100
79) 2-Chlorotoluene	12.67	91	684864	21.625	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	888568	21.799	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	89966	20.484	ug/l	99
82) 4-Chlorotoluene	12.77	91	627222	19.495	ug/l	99
83) tert-Butylbenzene	12.99	119	790616	21.525	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	818174	19.695	ug/l	100
85) sec-Butylbenzene	13.17	105	938661	20.744	ug/l	99
86) p-Isopropyltoluene	13.29	119	816698	18.827	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	390541	19.110	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	366513	18.439	ug/l	100
89) n-Butylbenzene	13.62	91	601419	19.766	ug/l	99
90) Hexachloroethane	13.88	117	160999	21.274	ug/l	99
91) 1,2-Dichlorobenzene	13.66	146	382519	19.197	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	38613	19.595	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	95743	14.775	ug/l	98
94) Hexachlorobutadiene	15.01	225	170302	20.003	ug/l	99
95) Naphthalene	15.13	128	180197	17.760	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	96390	16.884	ug/l	95

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

