

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081619\
 Data File : VN057325.D
 Acq On : 15 Aug 2019 12:39
 Operator : JC/SP
 Sample : VN0816WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0816WBSD01

Manual Integrations
 APPROVED

MMdadoda
 8/19/2019 1:54:05 AM

Quant Time: Aug 15 13:04:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081519W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 15 11:33:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	884758	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1307927	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	1155838	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	394862	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.02	65	453335	47.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.26%	
35) Dibromofluoromethane	7.58	113	405470	47.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.58%	
50) Toluene-d8	10.09	98	1511299	48.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.38%	
62) 4-Bromofluorobenzene	12.40	95	477654	43.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	138742	18.224	ug/l	99
3) Chloromethane	2.06	50	166017	18.475	ug/l	98
4) Vinyl Chloride	2.18	62	158738	18.776	ug/l	99
5) Bromomethane	2.54	94	121839	20.217	ug/l	98
6) Chloroethane	2.69	64	108359	18.633	ug/l	98
7) Trichlorofluoromethane	3.02	101	253747	19.135	ug/l	99
8) Diethyl Ether	3.40	74	92420	18.517	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	147917	18.985	ug/l	98
10) Methyl Iodide	3.95	142	237917	19.104	ug/l	100
11) Tert butyl alcohol	4.76	59	120479	88.109	ug/l #	87
12) 1,1-Dichloroethene	3.74	96	147259	18.970	ug/l	96
13) Acrolein	3.60	56	73727	88.818	ug/l	99
14) Allyl chloride	4.32	41	226666	18.216	ug/l	99
15) Acrylonitrile	4.97	53	346961	93.462	ug/l	98
16) Acetone	3.80	43	273838	82.072	ug/l	100
17) Carbon Disulfide	4.05	76	381142	18.225	ug/l	100
18) Methyl Acetate	4.31	43	187788	19.592	ug/l	100
19) Methyl tert-butyl Ether	5.03	73	459941	18.883	ug/l	99
20) Methylene Chloride	4.55	84	170719	18.287	ug/l	97
21) trans-1,2-Dichloroethene	5.03	96	158144	18.944	ug/l	98
22) Diisopropyl ether	5.94	45	470027	19.121	ug/l	99
23) Vinyl Acetate	5.88	43	1855676	93.801	ug/l	100
24) 1,1-Dichloroethane	5.84	63	286548	18.948	ug/l	99
25) 2-Butanone	6.82	43	430861	89.174	ug/l	95
26) 2,2-Dichloropropane	6.81	77	226420	18.525	ug/l	99
27) cis-1,2-Dichloroethene	6.82	96	186029	18.823	ug/l	99
28) Bromochloromethane	7.18	49	133078	19.805	ug/l #	97
29) Tetrahydrofuran	7.20	42	280645	91.782	ug/l	100
30) Chloroform	7.36	83	297150	18.750	ug/l	95
31) Cyclohexane	7.65	56	243789	18.602	ug/l	92
32) 1,1,1-Trichloroethane	7.56	97	260570	19.548	ug/l	98
36) 1,1-Dichloropropene	7.79	75	213944	18.526	ug/l	98
37) Ethyl Acetate	6.91	43	177686	18.786	ug/l	100
38) Carbon Tetrachloride	7.77	117	229267	19.108	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	247975	18.390	ug/l	99
40) Benzene	8.03	78	676429	19.151	ug/l	99
41) Methacrylonitrile	7.17	41	92804m	21.788	ug/l	
42) 1,2-Dichloroethane	8.12	62	223897	19.152	ug/l	100
43) Isopropyl Acetate	8.16	43	353836	19.774	ug/l	96
44) Trichloroethene	8.83	130	190405	19.174	ug/l	97
45) 1,2-Dichloropropane	9.11	63	172481	18.945	ug/l	98
46) Dibromomethane	9.20	93	114342	18.825	ug/l	100
47) Bromodichloromethane	9.40	83	227042	18.866	ug/l	98
48) Methyl methacrylate	9.19	41	141397	18.154	ug/l	97
49) 1,4-Dioxane	9.19	88	57001	348.002	ug/l	94
51) 4-Methyl-2-Pentanone	9.98	43	880043	90.189	ug/l	99
52) Toluene	10.15	92	419030	19.060	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	237493	18.245	ug/l	98
54) cis-1,3-Dichloropropene	9.83	75	268736	18.722	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	166869	19.302	ug/l	99
56) Ethyl methacrylate	10.43	69	229674	18.205	ug/l	100
57) 1,3-Dichloropropane	10.70	76	271345	18.789	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	279181	86.284	ug/l	99
59) 2-Hexanone	10.75	43	618462	88.162	ug/l	100
60) Dibromochloromethane	10.90	129	184824	19.078	ug/l	100
61) 1,2-Dibromoethane	11.00	107	171274	18.598	ug/l	98
64) Tetrachloroethene	10.63	164	194401	19.456	ug/l	99
65) Chlorobenzene	11.43	112	453243	19.226	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	174820	19.364	ug/l	98
67) Ethyl Benzene	11.51	91	787372	19.091	ug/l	99
68) m/p-Xylenes	11.62	106	577906	38.031	ug/l	99
69) o-Xylene	11.95	106	287602	19.276	ug/l	100
70) Styrene	11.96	104	445221	18.720	ug/l	99
71) Bromoform	12.13	173	137912	19.363	ug/l #	98
73) Isopropylbenzene	12.25	105	764654	22.488	ug/l	100
74) N-amyl acetate	12.07	43	215307	18.791	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	214931	21.981	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	178188m	21.871	ug/l	
77) Bromobenzene	12.53	156	194023	21.703	ug/l	99
78) n-propylbenzene	12.59	91	733209	19.283	ug/l	99
79) 2-Chlorotoluene	12.67	91	479066	21.709	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	617175	21.931	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	62934	19.435	ug/l	95
82) 4-Chlorotoluene	12.77	91	423548	18.797	ug/l	98
83) tert-Butylbenzene	12.99	119	559538	22.289	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	570230	20.050	ug/l	99
85) sec-Butylbenzene	13.17	105	659494	21.206	ug/l	100
86) p-Isopropyltoluene	13.29	119	560822	19.260	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	265054	19.159	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	250232	19.054	ug/l	99
89) n-Butylbenzene	13.62	91	426448	20.543	ug/l	99
90) Hexachloroethane	13.88	117	115431	22.004	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	256853	19.916	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	24109	17.122	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	59141	15.595	ug/l	98
94) Hexachlorobutadiene	15.01	225	115534	20.718	ug/l	98
95) Naphthalene	15.13	128	122833	19.274	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	57500	18.229	ug/l	96

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

