

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081519\
 Data File : VN057297.D
 Acq On : 14 Aug 2019 19:53
 Operator : JC/SP
 Sample : VN0815WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0815WBS01

Manual Integrations
 APPROVED

MMdadoda
 8/19/2019 1:53:22 AM

Quant Time: Aug 15 08:39:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081519W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 15 08:22:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	962922	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1447778	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1275513	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	444330	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.02	65	514241	49.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.26%	
35) Dibromofluoromethane	7.58	113	461461	48.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.24%	
50) Toluene-d8	10.09	98	1736264	50.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.04%	
62) 4-Bromofluorobenzene	12.40	95	547266	44.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	157281	18.982	ug/l	96
3) Chloromethane	2.06	50	193100	19.744	ug/l	99
4) Vinyl Chloride	2.18	62	183611	19.955	ug/l	99
5) Bromomethane	2.54	94	141406	21.560	ug/l	97
6) Chloroethane	2.70	64	123204	19.466	ug/l	99
7) Trichlorofluoromethane	3.02	101	277217	19.208	ug/l	99
8) Diethyl Ether	3.40	74	106456	19.598	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.76	101	166007	19.577	ug/l	100
10) Methyl Iodide	3.95	142	258962	19.106	ug/l	98
11) Tert butyl alcohol	4.76	59	135065	90.759	ug/l	99
12) 1,1-Dichloroethene	3.74	96	167053	19.773	ug/l	95
13) Acrolein	3.60	56	85370	94.496	ug/l	98
14) Allyl chloride	4.31	41	261877	19.337	ug/l	99
15) Acrylonitrile	4.97	53	393223	97.326	ug/l	99
16) Acetone	3.81	43	300322	82.703	ug/l	98
17) Carbon Disulfide	4.05	76	438404	19.261	ug/l	100
18) Methyl Acetate	4.31	43	195667	18.649	ug/l	97
19) Methyl tert-butyl Ether	5.03	73	522122	19.695	ug/l	99
20) Methylene Chloride	4.54	84	194372	19.131	ug/l	97
21) trans-1,2-Dichloroethene	5.03	96	176574	19.435	ug/l	97
22) Diisopropyl ether	5.94	45	529506	19.792	ug/l	99
23) Vinyl Acetate	5.88	43	2118820	98.408	ug/l	100
24) 1,1-Dichloroethane	5.84	63	321375	19.526	ug/l	99
25) 2-Butanone	6.82	43	491874	93.538	ug/l	99
26) 2,2-Dichloropropane	6.81	77	238543	17.933	ug/l	100
27) cis-1,2-Dichloroethene	6.82	96	208906	19.422	ug/l	99
28) Bromochloromethane	7.19	49	154326	21.103	ug/l #	98
29) Tetrahydrofuran	7.20	42	322234	96.829	ug/l	98
30) Chloroform	7.36	83	331642	19.227	ug/l	95
31) Cyclohexane	7.65	56	278811	19.547	ug/l	98
32) 1,1,1-Trichloroethane	7.56	97	285482	19.678	ug/l	98
36) 1,1-Dichloropropene	7.79	75	241816	18.917	ug/l	98
37) Ethyl Acetate	6.91	43	207577	19.826	ug/l	99
38) Carbon Tetrachloride	7.77	117	249593	18.792	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	283999	19.027	ug/l	99
40) Benzene	8.03	78	743284	19.011	ug/l	100
41) Methacrylonitrile	7.16	41	93037	19.733	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	245051	18.937	ug/l	99
43) Isopropyl Acetate	8.16	43	352534	17.174	ug/l	97
44) Trichloroethene	8.83	130	210188	19.121	ug/l	99
45) 1,2-Dichloropropane	9.11	63	198110	19.658	ug/l	100
46) Dibromomethane	9.20	93	127032	18.894	ug/l	98
47) Bromodichloromethane	9.40	83	254369	19.095	ug/l	98
48) Methyl methacrylate	9.19	41	161784	18.765	ug/l	98
49) 1,4-Dioxane	9.19	88	66555	367.081	ug/l	98
51) 4-Methyl-2-Pentanone	9.98	43	1015273	93.997	ug/l	100
52) Toluene	10.15	92	476242	19.570	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	265494	18.426	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	303444	19.098	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	186395	19.478	ug/l	99
56) Ethyl methacrylate	10.43	69	270697	19.384	ug/l	99
57) 1,3-Dichloropropane	10.70	76	306691	19.185	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	294829	83.080	ug/l	100
59) 2-Hexanone	10.75	43	703971	90.657	ug/l	99
60) Dibromochloromethane	10.90	129	209940	19.577	ug/l	96
61) 1,2-Dibromoethane	11.00	107	195804	19.208	ug/l	100
64) Tetrachloroethene	10.63	164	215823	19.573	ug/l	99
65) Chlorobenzene	11.43	112	506480	19.469	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	195637	19.636	ug/l	98
67) Ethyl Benzene	11.51	91	882883	19.398	ug/l	100
68) m/p-Xylenes	11.62	106	653847	38.991	ug/l	100
69) o-Xylene	11.95	106	321236	19.510	ug/l	98
70) Styrene	11.96	104	511736	19.498	ug/l	99
71) Bromoform	12.12	173	150073	19.093	ug/l #	100
73) Isopropylbenzene	12.25	105	866007	22.656	ug/l	100
74) N-amyl acetate	12.07	43	249280	19.334	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	245315	22.365	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	204416m	22.335	ug/l	
77) Bromobenzene	12.53	156	217973	21.664	ug/l	99
78) n-propylbenzene	12.59	91	855319	19.990	ug/l	100
79) 2-Chlorotoluene	12.67	91	548139	22.115	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	704179	22.270	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	69976	19.204	ug/l	97
82) 4-Chlorotoluene	12.77	91	493457	19.462	ug/l	99
83) tert-Butylbenzene	12.99	119	637879	22.623	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	655309	20.476	ug/l	97
85) sec-Butylbenzene	13.17	105	757312	21.673	ug/l	99
86) p-Isopropyltoluene	13.29	119	654114	19.963	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	301502	19.367	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	281407	19.042	ug/l	99
89) n-Butylbenzene	13.62	91	481250	20.602	ug/l	100
90) Hexachloroethane	13.88	117	127105	21.479	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	297500	20.500	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	28100	17.735	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	72019	16.436	ug/l	99
94) Hexachlorobutadiene	15.01	225	129753	20.668	ug/l	98
95) Naphthalene	15.13	128	144664	20.116	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	72062	20.312	ug/l	98

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

