

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021419\
 Data File : VN053771.D
 Acq On : 14 Feb 2019 11:35
 Operator : JC/SP
 Sample : VN0214WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0214WBS01

Manual Integrations
 APPROVED

MMDadoda
 2/15/2019 10:19:48 AM

Quant Time: Feb 15 01:21:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	673738	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1009239	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	884341	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	425970	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	349566	51.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.44%	
35) Dibromofluoromethane	7.59	113	342969	53.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.56%	
50) Toluene-d8	10.09	98	1240899	51.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.64%	
62) 4-Bromofluorobenzene	12.40	95	409029	51.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	126199	16.840	ug/l	98
3) Chloromethane	2.06	50	131628	16.456	ug/l	98
4) Vinyl Chloride	2.19	62	151611	19.526	ug/l	100
5) Bromomethane	2.57	94	106127	20.904	ug/l	100
6) Chloroethane	2.71	64	91722	20.672	ug/l	95
7) Trichlorofluoromethane	3.02	101	209228	19.871	ug/l	100
8) Diethyl Ether	3.41	74	73113	19.013	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	131322	20.166	ug/l	98
10) Methyl Iodide	3.96	142	175507	17.171	ug/l	100
11) Tert butyl alcohol	4.78	59	40442	101.103	ug/l #	86
12) 1,1-Dichloroethene	3.74	96	117563	18.843	ug/l	96
13) Acrolein	3.61	56	6440	29.570	ug/l	99
14) Allyl chloride	4.33	41	182854	18.407	ug/l	98
15) Acrylonitrile	4.99	53	218984	101.408	ug/l	99
16) Acetone	3.82	43	190592	109.935	ug/l	95
17) Carbon Disulfide	4.06	76	320837	16.515	ug/l	99
18) Methyl Acetate	4.33	43	112021	21.818	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	313667	19.832	ug/l	97
20) Methylene Chloride	4.55	84	139644	19.199	ug/l	97
21) trans-1,2-Dichloroethene	5.04	96	126331	18.769	ug/l	93
22) Diisopropyl ether	5.95	45	355232	19.299	ug/l	98
23) Vinyl Acetate	5.90	43	1185721	93.119	ug/l	99
24) 1,1-Dichloroethane	5.85	63	238491	19.426	ug/l	99
25) 2-Butanone	6.83	43	246780	99.806	ug/l	99
26) 2,2-Dichloropropane	6.82	77	177501	18.940	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	147681	19.731	ug/l	97
28) Bromochloromethane	7.19	49	97120	18.229	ug/l	95
29) Tetrahydrofuran	7.21	42	155518	97.950	ug/l	96
30) Chloroform	7.37	83	243005	19.967	ug/l	99
31) Cyclohexane	7.65	56	205439	17.864	ug/l	92
32) 1,1,1-Trichloroethane	7.57	97	199650	19.713	ug/l	99
36) 1,1-Dichloropropene	7.79	75	173847	19.109	ug/l	98
37) Ethyl Acetate	6.93	43	103906	20.450	ug/l	99
38) Carbon Tetrachloride	7.77	117	176867	19.298	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	203004	18.808	ug/l	100
40) Benzene	8.04	78	546837	19.492	ug/l	99
41) Methacrylonitrile	7.17	41	57225	20.151	ug/l	92
42) 1,2-Dichloroethane	8.12	62	163678	19.649	ug/l	99
43) Isopropyl Acetate	8.16	43	183851	18.736	ug/l #	88
44) Trichloroethene	8.83	130	150758	18.875	ug/l	98
45) 1,2-Dichloropropane	9.12	63	143939	20.059	ug/l	97
46) Dibromomethane	9.21	93	86308	19.953	ug/l	96
47) Bromodichloromethane	9.40	83	183002	20.348	ug/l	99
48) Methyl methacrylate	9.20	41	83605m	17.849	ug/l	
49) 1,4-Dioxane	9.20	88	27376	426.681	ug/l	91
51) 4-Methyl-2-Pentanone	9.99	43	484641	100.507	ug/l	100
52) Toluene	10.16	92	335659	20.159	ug/l	97
53) t-1,3-Dichloropropene	10.38	75	170503	18.932	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	205862	19.290	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	125796	20.967	ug/l	98
56) Ethyl methacrylate	10.43	69	139033	19.588	ug/l	98
57) 1,3-Dichloropropane	10.71	76	208059	20.290	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	312267	76.676	ug/l	99
59) 2-Hexanone	10.75	43	313988	95.918	ug/l	100
60) Dibromochloromethane	10.90	129	137967	20.392	ug/l	100
61) 1,2-Dibromoethane	11.00	107	117328	19.757	ug/l	100
64) Tetrachloroethene	10.63	164	154140	20.333	ug/l	98
65) Chlorobenzene	11.43	112	368293	19.606	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	134894	20.562	ug/l	99
67) Ethyl Benzene	11.51	91	603502	19.558	ug/l	100
68) m/p-Xylenes	11.62	106	471909	40.071	ug/l	99
69) o-Xylene	11.95	106	227330	19.980	ug/l	98
70) Styrene	11.96	104	367079	19.905	ug/l	99
71) Bromoform	12.13	173	93743	20.843	ug/l #	97
73) Isopropylbenzene	12.25	105	603676	20.159	ug/l	100
74) N-amyl acetate	12.07	43	134842	18.726	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	141715	19.774	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	125247m	22.892	ug/l	
77) Bromobenzene	12.53	156	160607	19.901	ug/l	97
78) n-propylbenzene	12.59	91	702136	20.283	ug/l	100
79) 2-Chlorotoluene	12.67	91	413712	20.144	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	518165	20.867	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	35093	18.036	ug/l	96
82) 4-Chlorotoluene	12.77	91	415911	19.735	ug/l	99
83) tert-Butylbenzene	12.99	119	449813	20.496	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	528426	20.887	ug/l	100
85) sec-Butylbenzene	13.17	105	631599	21.148	ug/l	100
86) p-Isopropyltoluene	13.29	119	544258	20.837	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	283976	19.574	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	277219	19.317	ug/l	100
89) n-Butylbenzene	13.62	91	445182	19.691	ug/l	99
90) Hexachloroethane	13.88	117	92898	21.562	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	275496	19.836	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	20900	20.463	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	144687	18.164	ug/l	99
94) Hexachlorobutadiene	15.01	225	109271	22.027	ug/l	99
95) Naphthalene	15.13	128	271389	15.736	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	140670	19.032	ug/l	98

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

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