

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120619\
 Data File : VN059507.D
 Acq On : 6 Dec 2019 11:56
 Operator : JC/SP
 Sample : VN1206WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1206WBS01

Manual Integrations
 APPROVED

apatel
 12/9/2019 8:47:43 AM

Quant Time: Dec 06 22:39:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N120319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 03 16:37:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	216710	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	372187	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	361962	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	170935	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	161994	60.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.34%	
35) Dibromofluoromethane	7.57	113	113832	49.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.22%	
50) Toluene-d8	10.08	98	492672	53.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.80%	
62) 4-Bromofluorobenzene	12.40	95	175696	55.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	57506	23.846	ug/l	100
3) Chloromethane	2.04	50	57410	17.762	ug/l	98
4) Vinyl Chloride	2.17	62	57281	29.533	ug/l	98
5) Bromomethane	2.55	94	37506	31.821	ug/l	99
6) Chloroethane	2.68	64	36247	31.655	ug/l	99
7) Trichlorofluoromethane	3.00	101	79790	34.063	ug/l	96
8) Diethyl Ether	3.38	74	29912	19.599	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.73	101	49014	21.316	ug/l	94
10) Methyl Iodide	3.92	142	58840	20.209	ug/l	95
11) Tert butyl alcohol	4.76	59	50868	100.272	ug/l	98
12) 1,1-Dichloroethene	3.71	96	45182	20.101	ug/l	93
13) Acrolein	3.58	56	41860	95.078	ug/l	100
14) Allyl chloride	4.29	41	90451	20.431	ug/l #	89
15) Acrylonitrile	4.95	53	137223	99.985	ug/l	98
16) Acetone	3.79	43	156099	100.724	ug/l	97
17) Carbon Disulfide	4.02	76	149076	19.438	ug/l	99
18) Methyl Acetate	4.29	43	75237	20.760	ug/l	97
19) Methyl tert-butyl Ether	5.01	73	162496	21.211	ug/l	99
20) Methylene Chloride	4.52	84	55174	21.065	ug/l	95
21) trans-1,2-Dichloroethene	5.01	96	51543	20.494	ug/l	99
22) Diisopropyl ether	5.92	45	179777	21.817	ug/l	93
23) Vinyl Acetate	5.86	43	756422	114.401	ug/l	98
24) 1,1-Dichloroethane	5.82	63	104539	22.333	ug/l	99
25) 2-Butanone	6.81	43	209333	102.302	ug/l	98
26) 2,2-Dichloropropane	6.80	77	94946	23.451	ug/l	97
27) cis-1,2-Dichloroethene	6.80	96	59237	21.207	ug/l	95
28) Bromochloromethane	7.17	49	42408	23.583	ug/l	93
29) Tetrahydrofuran	7.18	42	130039	101.068	ug/l	99
30) Chloroform	7.35	83	102896	22.766	ug/l	99
31) Cyclohexane	7.63	56	87983	19.398	ug/l	98
32) 1,1,1-Trichloroethane	7.54	97	85605	21.792	ug/l	97
36) 1,1-Dichloropropene	7.77	75	73867	19.072	ug/l	98
37) Ethyl Acetate	6.90	43	83724	19.353	ug/l	98
38) Carbon Tetrachloride	7.75	117	74358	19.961	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	88319	18.949	ug/l	97
40) Benzene	8.02	78	219158	19.323	ug/l	99
41) Methacrylonitrile	7.15	41	33254	18.966	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	84925	22.043	ug/l	98
43) Isopropyl Acetate	8.14	43	129991	20.202	ug/l #	90
44) Trichloroethene	8.82	130	54325	18.329	ug/l	97
45) 1,2-Dichloropropane	9.10	63	62544	20.641	ug/l	100
46) Dibromomethane	9.19	93	41277	21.880	ug/l	93
47) Bromodichloromethane	9.39	83	84558	22.354	ug/l	100
48) Methyl methacrylate	9.18	41	60352	20.790	ug/l	91
49) 1,4-Dioxane	9.19	88	17975	409.203	ug/l	97
51) 4-Methyl-2-Pentanone	9.97	43	423406	110.855	ug/l	95
52) Toluene	10.15	92	145680	21.238	ug/l	98
53) t-1,3-Dichloropropene	10.37	75	94891	21.319	ug/l	97
54) cis-1,3-Dichloropropene	9.83	75	102600	21.747	ug/l #	90
55) 1,1,2-Trichloroethane	10.55	97	59281	21.923	ug/l	98
56) Ethyl methacrylate	10.42	69	78727	18.913	ug/l #	85
57) 1,3-Dichloropropane	10.70	76	101956	21.804	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	129611	97.127	ug/l	99
59) 2-Hexanone	10.74	43	308669	107.385	ug/l	95
60) Dibromochloromethane	10.90	129	62557	21.667	ug/l	100
61) 1,2-Dibromoethane	11.00	107	60421	21.625	ug/l	98
64) Tetrachloroethene	10.62	164	57868	18.795	ug/l	98
65) Chlorobenzene	11.43	112	155093	19.600	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.50	131	59702	20.998	ug/l	99
67) Ethyl Benzene	11.51	91	276412	19.938	ug/l	100
68) m/p-Xylenes	11.62	106	207209	40.139	ug/l	98
69) o-Xylene	11.95	106	97259	19.790	ug/l	98
70) Styrene	11.96	104	152296	19.412	ug/l	98
71) Bromoform	12.12	173	43437	19.599	ug/l #	99
73) Isopropylbenzene	12.25	105	263411	19.215	ug/l	100
74) N-amyl acetate	12.07	43	104351	18.899	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.50	83	88505	20.127	ug/l	97
76) 1,2,3-Trichloropropane	12.55	75	79068m	18.604	ug/l	
77) Bromobenzene	12.53	156	63920	18.659	ug/l	96
78) n-propylbenzene	12.59	91	320807	20.110	ug/l	99
79) 2-Chlorotoluene	12.67	91	188500	19.601	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	227498	19.858	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	29542	18.241	ug/l	90
82) 4-Chlorotoluene	12.77	91	196447	19.799	ug/l	99
83) tert-Butylbenzene	12.99	119	190650	19.169	ug/l	96
84) 1,2,4-Trimethylbenzene	13.04	105	224976	20.095	ug/l	99
85) sec-Butylbenzene	13.17	105	261526	19.840	ug/l	100
86) p-Isopropyltoluene	13.29	119	231017	19.557	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	115492	19.122	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	114077	18.728	ug/l	99
89) n-Butylbenzene	13.62	91	201418	19.032	ug/l	98
90) Hexachloroethane	13.88	117	45068	19.782	ug/l	94
91) 1,2-Dichlorobenzene	13.65	146	111463	19.251	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	18613	20.448	ug/l	87

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	58886	16.659	ug/l	100
94) Hexachlorobutadiene	15.01	225	38336	18.292	ug/l	99
95) Naphthalene	15.13	128	155331	17.604	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	61223	18.529	ug/l	96

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

