

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112619\
 Data File : VN059403.D
 Acq On : 26 Nov 2019 14:02
 Operator : JC/SP
 Sample : VN1126WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1126WBS01

Manual Integrations
 APPROVED

apatel
 11/27/2019 10:47:23 AM

Quant Time: Nov 26 14:32:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112019W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 21 08:44:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	354610	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	559974	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	503185	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	228773	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	222887	52.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.78%	
35) Dibromofluoromethane	7.57	113	181367	53.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.98%	
50) Toluene-d8	10.08	98	716667	53.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.32%	
62) 4-Bromofluorobenzene	12.40	95	253155	54.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	80209	17.668	ug/l	99
3) Chloromethane	2.04	50	99377	17.869	ug/l	100
4) Vinyl Chloride	2.17	62	107336	18.745	ug/l	98
5) Bromomethane	2.54	94	59254	18.639	ug/l	99
6) Chloroethane	2.68	64	55428	17.737	ug/l	99
7) Trichlorofluoromethane	3.00	101	113241	18.365	ug/l	99
8) Diethyl Ether	3.39	74	48298	19.160	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.73	101	71990	19.093	ug/l	99
10) Methyl Iodide	3.93	142	90514	19.316	ug/l	98
11) Tert butyl alcohol	4.75	59	73856	86.700	ug/l #	84
12) 1,1-Dichloroethene	3.71	96	69768	18.230	ug/l	98
13) Acrolein	3.58	56	47442	61.010	ug/l	98
14) Allyl chloride	4.30	41	128666	17.996	ug/l	99
15) Acrylonitrile	4.95	53	214974	95.446	ug/l	99
16) Acetone	3.79	43	211064	110.635	ug/l	97
17) Carbon Disulfide	4.03	76	209491	17.557	ug/l	99
18) Methyl Acetate	4.29	43	123826	19.558	ug/l	98
19) Methyl tert-butyl Ether	5.01	73	237936	19.248	ug/l	100
20) Methylene Chloride	4.52	84	81469	18.935	ug/l	97
21) trans-1,2-Dichloroethene	5.01	96	75464	18.605	ug/l	98
22) Diisopropyl ether	5.92	45	255341	18.968	ug/l	96
23) Vinyl Acetate	5.87	43	992983	93.803	ug/l	100
24) 1,1-Dichloroethane	5.82	63	144934	19.128	ug/l	99
25) 2-Butanone	6.81	43	290685	97.988	ug/l	100
26) 2,2-Dichloropropane	6.80	77	121673	18.545	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	86368	18.872	ug/l	98
28) Bromochloromethane	7.17	49	63926	22.089	ug/l	95
29) Tetrahydrofuran	7.18	42	190641	92.939	ug/l	99
30) Chloroform	7.35	83	138535	18.755	ug/l	97
31) Cyclohexane	7.63	56	134497	17.953	ug/l	98
32) 1,1,1-Trichloroethane	7.55	97	118892	18.819	ug/l	99
36) 1,1-Dichloropropene	7.77	75	106746	18.465	ug/l	99
37) Ethyl Acetate	6.90	43	114912	18.496	ug/l	99
38) Carbon Tetrachloride	7.75	117	103742	18.746	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	124935	17.922	ug/l	99
40) Benzene	8.02	78	323337	19.057	ug/l	100
41) Methacrylonitrile	7.16	41	58216m	21.108	ug/l	
42) 1,2-Dichloroethane	8.10	62	104518	18.626	ug/l	98
43) Isopropyl Acetate	8.15	43	178201	18.768	ug/l	99
44) Trichloroethene	8.82	130	83963	19.526	ug/l	99
45) 1,2-Dichloropropane	9.10	63	86324	19.080	ug/l	96
46) Dibromomethane	9.19	93	52483	18.912	ug/l	98
47) Bromodichloromethane	9.39	83	106214	19.111	ug/l	99
48) Methyl methacrylate	9.18	41	78053	18.077	ug/l	97
49) 1,4-Dioxane	9.19	88	22272	343.208	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	559680	100.704	ug/l	100
52) Toluene	10.15	92	196323	19.244	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	123409	19.101	ug/l	100
54) cis-1,3-Dichloropropene	9.83	75	132699	18.928	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	78158	19.704	ug/l	96
56) Ethyl methacrylate	10.42	69	116327	18.795	ug/l	97
57) 1,3-Dichloropropane	10.70	76	134834	19.503	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	189496	92.824	ug/l	100
59) 2-Hexanone	10.74	43	404397	99.371	ug/l	98
60) Dibromochloromethane	10.90	129	80799	19.330	ug/l	100
61) 1,2-Dibromoethane	11.00	107	78482	19.015	ug/l	99
64) Tetrachloroethene	10.63	164	73974	19.008	ug/l	97
65) Chlorobenzene	11.43	112	205899	19.030	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	76186	19.383	ug/l	100
67) Ethyl Benzene	11.51	91	368343	19.067	ug/l	99
68) m/p-Xylenes	11.62	106	275745	38.414	ug/l	100
69) o-Xylene	11.95	106	132683	19.307	ug/l	98
70) Styrene	11.96	104	206307	19.026	ug/l	99
71) Bromoform	12.13	173	57649	19.366	ug/l #	100
73) Isopropylbenzene	12.25	105	353920	18.885	ug/l	99
74) N-amyl acetate	12.07	43	135611	18.005	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	116749	18.832	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	111629m	21.121	ug/l	
77) Bromobenzene	12.53	156	85791	18.873	ug/l	98
78) n-propylbenzene	12.59	91	406359	19.142	ug/l	100
79) 2-Chlorotoluene	12.67	91	241926	18.567	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	299595	19.017	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	40386	19.112	ug/l	98
82) 4-Chlorotoluene	12.77	91	245560	18.211	ug/l	99
83) tert-Butylbenzene	12.99	119	260360	19.568	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	292487	18.953	ug/l	100
85) sec-Butylbenzene	13.17	105	342694	19.163	ug/l	100
86) p-Isopropyltoluene	13.29	119	305584	19.203	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	148015	18.285	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	147212	18.380	ug/l	99
89) n-Butylbenzene	13.62	91	253248	18.141	ug/l	100
90) Hexachloroethane	13.88	117	56311	18.685	ug/l	98
91) 1,2-Dichlorobenzene	13.66	146	146769	18.740	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	23519	17.844	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	78306	18.069	ug/l	100
94) Hexachlorobutadiene	15.01	225	52713	18.681	ug/l	98
95) Naphthalene	15.13	128	198799	16.973	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	77412	17.477	ug/l	99

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

