

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112719\
 Data File : VN059431.D
 Acq On : 27 Nov 2019 19:10
 Operator : JC/SP
 Sample : VN1127WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1127WBSD01

Manual Integrations
 APPROVED

apatel
 12/2/2019 10:09:16 AM

Quant Time: Nov 29 03:16:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112719W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 16:56:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	349702	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	551071	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	486904	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	222400	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	194632	47.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.02%	
35) Dibromofluoromethane	7.57	113	159900	47.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.28%	
50) Toluene-d8	10.08	98	632426	47.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.58%	
62) 4-Bromofluorobenzene	12.40	95	215779	46.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.84	85	80967	19.672	ug/l	99
3) Chloromethane	2.04	50	98301	19.552	ug/l	100
4) Vinyl Chloride	2.17	62	95154	19.695	ug/l	99
5) Bromomethane	2.55	94	55803	19.184	ug/l	98
6) Chloroethane	2.69	64	54162	19.995	ug/l	94
7) Trichlorofluoromethane	3.00	101	112804	19.602	ug/l	97
8) Diethyl Ether	3.39	74	46442	19.830	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.73	101	67191	18.958	ug/l	98
10) Methyl Iodide	3.93	142	88942	19.280	ug/l	99
11) Tert butyl alcohol	4.76	59	73987	104.260	ug/l	99
12) 1,1-Dichloroethene	3.72	96	68265	19.668	ug/l	98
13) Acrolein	3.58	56	54312	78.403	ug/l	96
14) Allyl chloride	4.30	41	123776	19.228	ug/l	98
15) Acrylonitrile	4.96	53	203230	102.775	ug/l	98
16) Acetone	3.79	43	224488	115.032	ug/l	99
17) Carbon Disulfide	4.03	76	217854	18.290	ug/l	99
18) Methyl Acetate	4.30	43	104250	19.617	ug/l	100
19) Methyl tert-butyl Ether	5.02	73	222069	19.855	ug/l	97
20) Methylene Chloride	4.53	84	77412	19.522	ug/l	96
21) trans-1,2-Dichloroethene	5.01	96	72911	19.280	ug/l	95
22) Diisopropyl ether	5.92	45	241333	20.174	ug/l	96
23) Vinyl Acetate	5.87	43	984327	101.992	ug/l	99
24) 1,1-Dichloroethane	5.82	63	136777	19.872	ug/l	99
25) 2-Butanone	6.81	43	285568	106.369	ug/l	99
26) 2,2-Dichloropropane	6.80	77	115324	19.688	ug/l	99
27) cis-1,2-Dichloroethene	6.81	96	80526	19.470	ug/l	98
28) Bromochloromethane	7.18	49	53517	18.992	ug/l	99
29) Tetrahydrofuran	7.19	42	185084	103.658	ug/l	100
30) Chloroform	7.35	83	130622	18.859	ug/l	100
31) Cyclohexane	7.63	56	129277	18.736	ug/l	97
32) 1,1,1-Trichloroethane	7.55	97	112340	19.834	ug/l	99
36) 1,1-Dichloropropene	7.78	75	103369	19.506	ug/l	99
37) Ethyl Acetate	6.91	43	110609	19.728	ug/l	99
38) Carbon Tetrachloride	7.75	117	98933	19.782	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	122267	19.285	ug/l	98
40) Benzene	8.02	78	307380	19.535	ug/l	99
41) Methacrylonitrile	7.16	41	48714m	18.659	ug/l	
42) 1,2-Dichloroethane	8.11	62	99676	19.978	ug/l	98
43) Isopropyl Acetate	8.15	43	168984	19.839	ug/l	100
44) Trichloroethene	8.82	130	77865	19.408	ug/l	99
45) 1,2-Dichloropropane	9.11	63	81602	19.827	ug/l	99
46) Dibromomethane	9.20	93	49091	19.329	ug/l	99
47) Bromodichloromethane	9.39	83	100180	19.502	ug/l	100
48) Methyl methacrylate	9.19	41	75320	19.932	ug/l	99
49) 1,4-Dioxane	9.19	88	23711	429.618	ug/l	98
51) 4-Methyl-2-Pentanone	9.98	43	525917	106.449	ug/l	100
52) Toluene	10.15	92	184319	19.608	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	114934	19.471	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	124545	19.546	ug/l	95
55) 1,1,2-Trichloroethane	10.56	97	72118	19.601	ug/l	99
56) Ethyl methacrylate	10.42	69	106226	21.214	ug/l	98
57) 1,3-Dichloropropane	10.70	76	125383	19.717	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	199946	126.830	ug/l	100
59) 2-Hexanone	10.75	43	393036	107.284	ug/l	99
60) Dibromochloromethane	10.90	129	74673	19.443	ug/l	98
61) 1,2-Dibromoethane	11.00	107	73197	19.414	ug/l	99
64) Tetrachloroethene	10.63	164	71062	19.732	ug/l	99
65) Chlorobenzene	11.43	112	191626	19.440	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	71017	19.867	ug/l	100
67) Ethyl Benzene	11.51	91	343454	19.837	ug/l	99
68) m/p-Xylenes	11.62	106	256688	39.709	ug/l	99
69) o-Xylene	11.95	106	123883	19.983	ug/l	99
70) Styrene	11.97	104	191986	20.898	ug/l	99
71) Bromoform	12.13	173	54351	19.968	ug/l #	100
73) Isopropylbenzene	12.25	105	328194	19.920	ug/l	100
74) N-amyl acetate	12.07	43	124760	21.921	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	107497	20.007	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	102108m	20.295	ug/l	
77) Bromobenzene	12.53	156	78590	19.483	ug/l	98
78) n-propylbenzene	12.59	91	375500	19.778	ug/l	100
79) 2-Chlorotoluene	12.68	91	224807	19.805	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	276863	19.991	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	38025	19.419	ug/l	98
82) 4-Chlorotoluene	12.78	91	225109	19.275	ug/l	100
83) tert-Butylbenzene	13.00	119	237077	19.936	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	271477	20.010	ug/l	99
85) sec-Butylbenzene	13.17	105	313244	19.835	ug/l	100
86) p-Isopropyltoluene	13.29	119	278107	19.480	ug/l	99
87) 1,3-Dichlorobenzene	13.29	146	137498	19.234	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	135776	18.919	ug/l	99
89) n-Butylbenzene	13.62	91	231039	18.513	ug/l	99
90) Hexachloroethane	13.88	117	52814	19.355	ug/l	97
91) 1,2-Dichlorobenzene	13.66	146	133147	19.008	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	22034	23.813	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	77038	17.693	ug/l	100
94) Hexachlorobutadiene	15.01	225	49534	18.563	ug/l	98
95) Naphthalene	15.13	128	207351	22.797	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	79225	21.983	ug/l	99

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

