

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111519\
 Data File : VN059254.D
 Acq On : 15 Nov 2019 10:56
 Operator : JC/SP
 Sample : VN1115WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1115WBSD01

Manual Integrations
 APPROVED

MMDadoda
 11/18/2019 3:09:55 PM

Quant Time: Nov 15 15:22:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 07 04:00:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	392239	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	604270	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	546185	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	248848	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	245230	50.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.72%	
35) Dibromofluoromethane	7.57	113	197679	54.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.58%	
50) Toluene-d8	10.08	98	738930	51.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.98%	
62) 4-Bromofluorobenzene	12.40	95	263022	51.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.66%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.83	85	70712	17.893	ug/l	99
3) Chloromethane	2.04	50	95693	17.813	ug/l	98
4) Vinyl Chloride	2.17	62	96310	18.492	ug/l	99
5) Bromomethane	2.55	94	57349	19.134	ug/l	98
6) Chloroethane	2.69	64	58220	18.897	ug/l	97
7) Trichlorofluoromethane	3.00	101	126433	20.295	ug/l	98
8) Diethyl Ether	3.39	74	51784	20.458	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.74	101	75662	20.143	ug/l	99
10) Methyl Iodide	3.93	142	88584	19.053	ug/l	100
11) Tert butyl alcohol	4.75	59	94789	103.155	ug/l	99
12) 1,1-Dichloroethene	3.72	96	71944	19.662	ug/l	99
13) Acrolein	3.58	56	31206	65.868	ug/l	99
14) Allyl chloride	4.30	41	145596	19.371	ug/l	99
15) Acrylonitrile	4.96	53	249056	108.909	ug/l	99
16) Acetone	3.79	43	203290	81.078	ug/l	95
17) Carbon Disulfide	4.03	76	190041	16.731	ug/l	99
18) Methyl Acetate	4.30	43	132690	22.296	ug/l	98
19) Methyl tert-butyl Ether	5.01	73	266633	21.166	ug/l	100
20) Methylene Chloride	4.53	84	88087	20.166	ug/l	98
21) trans-1,2-Dichloroethene	5.01	96	77466	19.724	ug/l	99
22) Diisopropyl ether	5.92	45	299522	21.098	ug/l	95
23) Vinyl Acetate	5.87	43	1214503	110.383	ug/l	100
24) 1,1-Dichloroethane	5.82	63	165059	20.817	ug/l	98
25) 2-Butanone	6.81	43	328128	99.296	ug/l	99
26) 2,2-Dichloropropane	6.80	77	136758	19.725	ug/l	99
27) cis-1,2-Dichloroethene	6.80	96	93796	20.585	ug/l	99
28) Bromochloromethane	7.17	49	47591	19.950	ug/l	99
29) Tetrahydrofuran	7.19	42	224682	107.007	ug/l	99
30) Chloroform	7.35	83	162621	21.380	ug/l	96
31) Cyclohexane	7.63	56	138426	18.441	ug/l	97
32) 1,1,1-Trichloroethane	7.55	97	133874	20.934	ug/l	100
36) 1,1-Dichloropropene	7.77	75	113968	20.178	ug/l	100
37) Ethyl Acetate	6.90	43	134968	21.480	ug/l	99
38) Carbon Tetrachloride	7.75	117	115551	20.554	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	127091	19.388	ug/l	99
40) Benzene	8.02	78	354529	20.844	ug/l	99
41) Methacrylonitrile	7.15	41	59889m	21.919	ug/l	
42) 1,2-Dichloroethane	8.10	62	123836	21.228	ug/l	100
43) Isopropyl Acetate	8.15	43	211403	21.104	ug/l	99
44) Trichloroethene	8.82	130	85914	20.549	ug/l	100
45) 1,2-Dichloropropane	9.10	63	98603	21.343	ug/l	99
46) Dibromomethane	9.19	93	59159	20.550	ug/l	97
47) Bromodichloromethane	9.39	83	121538	21.142	ug/l	96
48) Methyl methacrylate	9.18	41	90329	20.159	ug/l	98
49) 1,4-Dioxane	9.18	88	33295	418.126	ug/l	97
51) 4-Methyl-2-Pentanone	9.97	43	672104	118.577	ug/l	99
52) Toluene	10.15	92	214965	21.086	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	137521	20.706	ug/l	98
54) cis-1,3-Dichloropropene	9.83	75	149957	20.990	ug/l	98
55) 1,1,2-Trichloroethane	10.55	97	89053	21.585	ug/l	99
56) Ethyl methacrylate	10.42	69	129429	19.977	ug/l	98
57) 1,3-Dichloropropane	10.70	76	152244	21.440	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	261873	114.051	ug/l	100
59) 2-Hexanone	10.74	43	479111	110.128	ug/l	100
60) Dibromochloromethane	10.90	129	93390	21.409	ug/l	100
61) 1,2-Dibromoethane	11.00	107	88123	21.099	ug/l	99
64) Tetrachloroethene	10.63	164	76785	20.675	ug/l	97
65) Chlorobenzene	11.43	112	228973	21.505	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	87069	21.800	ug/l	100
67) Ethyl Benzene	11.51	91	402482	21.306	ug/l	98
68) m/p-Xylenes	11.62	106	295318	41.734	ug/l	99
69) o-Xylene	11.95	106	145361	21.256	ug/l	97
70) Styrene	11.96	104	225436	20.961	ug/l	99
71) Bromoform	12.12	173	66156	21.295	ug/l #	98
73) Isopropylbenzene	12.25	105	387212	21.391	ug/l	100
74) N-amyl acetate	12.07	43	157705	20.561	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.50	83	137612	22.324	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	128368m	22.658	ug/l	
77) Bromobenzene	12.53	156	94488	20.777	ug/l	99
78) n-propylbenzene	12.59	91	441117	21.283	ug/l	100
79) 2-Chlorotoluene	12.67	91	267598	20.813	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	323614	21.099	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	44524	20.757	ug/l	99
82) 4-Chlorotoluene	12.77	91	265726	20.606	ug/l	99
83) tert-Butylbenzene	12.99	119	282925	21.360	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	318955	21.494	ug/l	100
85) sec-Butylbenzene	13.17	105	371762	21.581	ug/l	100
86) p-Isopropyltoluene	13.29	119	327552	21.534	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	162757	20.899	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	161882	20.776	ug/l	100
89) n-Butylbenzene	13.62	91	268956	20.203	ug/l	99
90) Hexachloroethane	13.88	117	62366	20.419	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	164536	21.477	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	27045	22.005	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	83680	19.953	ug/l	99
94) Hexachlorobutadiene	15.01	225	55541	21.026	ug/l	99
95) Naphthalene	15.13	128	222333	19.236	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	85905	20.009	ug/l	99

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

