

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121719\
 Data File : VN059622.D
 Acq On : 17 Dec 2019 14:15
 Operator : JC/SP
 Sample : VN1217WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1217WBS01

Manual Integrations
 APPROVED

apatel
 12/18/2019 10:05:05 AM

Quant Time: Dec 18 06:02:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 13 23:17:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	244348	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	398773	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	362498	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	166816	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	177373	49.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.78%	
35) Dibromofluoromethane	7.56	113	121925	48.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.74%	
50) Toluene-d8	10.08	98	483352	48.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.86%	
62) 4-Bromofluorobenzene	12.40	95	170583	47.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	56125	17.775	ug/l	99
3) Chloromethane	2.04	50	100772	20.112	ug/l	100
4) Vinyl Chloride	2.17	62	95080	20.010	ug/l	97
5) Bromomethane	2.55	94	53749	19.458	ug/l	100
6) Chloroethane	2.69	64	55705	20.859	ug/l	98
7) Trichlorofluoromethane	3.00	101	102462	19.654	ug/l	97
8) Diethyl Ether	3.38	74	31642	19.425	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.73	101	51095	19.448	ug/l	99
10) Methyl Iodide	3.93	142	64914	18.664	ug/l	98
11) Tert butyl alcohol	4.74	59	51093	78.380	ug/l	99
12) 1,1-Dichloroethene	3.71	96	49513	19.319	ug/l	98
13) Acrolein	3.58	56	31206	67.205	ug/l	98
14) Allyl chloride	4.29	41	99131m	18.842	ug/l	
15) Acrylonitrile	4.95	53	155673	98.729	ug/l	100
16) Acetone	3.78	43	168027	79.596	ug/l	98
17) Carbon Disulfide	4.03	76	156044	18.225	ug/l	100
18) Methyl Acetate	4.29	43	83098	18.786	ug/l	100
19) Methyl tert-butyl Ether	5.01	73	179462	19.832	ug/l	96
20) Methylene Chloride	4.52	84	61358	20.125	ug/l	100
21) trans-1,2-Dichloroethene	5.01	96	55216	19.326	ug/l	96
22) Diisopropyl ether	5.92	45	199234	20.541	ug/l	95
23) Vinyl Acetate	5.86	43	829963	109.035	ug/l	99
24) 1,1-Dichloroethane	5.82	63	113804	20.713	ug/l	99
25) 2-Butanone	6.80	43	221743	87.841	ug/l	98
26) 2,2-Dichloropropane	6.79	77	100119	20.049	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	64036	20.227	ug/l	100
28) Bromochloromethane	7.17	49	41993	18.487	ug/l	97
29) Tetrahydrofuran	7.18	42	144360	93.859	ug/l	99
30) Chloroform	7.35	83	109238	20.198	ug/l	96
31) Cyclohexane	7.63	56	100477	19.354	ug/l	95
32) 1,1,1-Trichloroethane	7.54	97	96009	19.691	ug/l	100
36) 1,1-Dichloropropene	7.77	75	80881	19.449	ug/l	99
37) Ethyl Acetate	6.90	43	93706	19.387	ug/l	99
38) Carbon Tetrachloride	7.75	117	83884	19.439	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	91030	19.298	ug/l	99
40) Benzene	8.02	78	241614	19.881	ug/l	100
41) Methacrylonitrile	7.15	41	38591m	19.346	ug/l	
42) 1,2-Dichloroethane	8.10	62	92615	19.899	ug/l	99
43) Isopropyl Acetate	8.14	43	145894	19.415	ug/l	99
44) Trichloroethene	8.82	130	61808	19.416	ug/l	99
45) 1,2-Dichloropropane	9.10	63	65497	19.958	ug/l	97
46) Dibromomethane	9.19	93	43311	20.144	ug/l	98
47) Bromodichloromethane	9.39	83	84943	19.816	ug/l	100
48) Methyl methacrylate	9.18	41	62913	18.453	ug/l	99
49) 1,4-Dioxane	9.18	88	14949	305.964	ug/l	94
51) 4-Methyl-2-Pentanone	9.97	43	446502	99.656	ug/l	99
52) Toluene	10.14	92	145940	19.544	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	97341	19.634	ug/l	100
54) cis-1,3-Dichloropropene	9.82	75	102927	19.751	ug/l	98
55) 1,1,2-Trichloroethane	10.55	97	58385	19.925	ug/l	98
56) Ethyl methacrylate	10.42	69	82774	19.029	ug/l	98
57) 1,3-Dichloropropane	10.70	76	103366	20.260	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	150007	108.428	ug/l	100
59) 2-Hexanone	10.74	43	328584	93.052	ug/l	98
60) Dibromochloromethane	10.89	129	62758	19.624	ug/l	99
61) 1,2-Dibromoethane	11.00	107	59986	19.303	ug/l	98
64) Tetrachloroethene	10.62	164	59411	17.581	ug/l	97
65) Chlorobenzene	11.43	112	152747	19.474	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	58339	19.582	ug/l	99
67) Ethyl Benzene	11.51	91	275293	19.444	ug/l	98
68) m/p-Xylenes	11.62	106	204536	39.123	ug/l	100
69) o-Xylene	11.94	106	97856	19.671	ug/l	99
70) Styrene	11.96	104	152094	19.029	ug/l	98
71) Bromoform	12.12	173	43148	19.267	ug/l #	98
73) Isopropylbenzene	12.25	105	260978	19.929	ug/l	99
74) N-amyl acetate	12.07	43	114075	18.991	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.50	83	82817	19.937	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	87974m	21.303	ug/l	
77) Bromobenzene	12.52	156	62674	19.462	ug/l	99
78) n-propylbenzene	12.59	91	308009	19.898	ug/l	100
79) 2-Chlorotoluene	12.67	91	183413	19.595	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	218135	19.684	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	31736	18.981	ug/l	98
82) 4-Chlorotoluene	12.77	91	188977	19.718	ug/l	99
83) tert-Butylbenzene	12.99	119	182786	19.477	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	219758	19.943	ug/l	99
85) sec-Butylbenzene	13.17	105	247104	19.794	ug/l	99
86) p-Isopropyltoluene	13.29	119	220860	19.534	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	111196	18.777	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	110394	18.490	ug/l	99
89) n-Butylbenzene	13.62	91	195906	18.481	ug/l	100
90) Hexachloroethane	13.87	117	42352	19.817	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	110675	18.951	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	18824	17.301	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	61544	16.320	ug/l	100
94) Hexachlorobutadiene	15.01	225	36714	18.985	ug/l	97
95) Naphthalene	15.12	128	174269	15.480	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	61152	16.033	ug/l	100

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

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