

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120518\
 Data File : VN052668.D
 Acq On : 5 Dec 2018 11:33
 Operator : MD\SY
 Sample : VN1205WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1205WBSD01

Manual Integrations
 APPROVED

MMDadoda
 12/6/2018 9:09:01 AM

Quant Time: Dec 06 04:49:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 03 03:24:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	938890	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1454806	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1279620	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	570832	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	539874	52.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.62%	
35) Dibromofluoromethane	7.59	113	485653	54.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.30%	
50) Toluene-d8	10.09	98	1848940	52.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.92%	
62) 4-Bromofluorobenzene	12.40	95	624034	53.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	159101	18.098	ug/l	99
3) Chloromethane	2.06	50	209578	18.060	ug/l	100
4) Vinyl Chloride	2.19	62	218589	18.337	ug/l	100
5) Bromomethane	2.57	94	136721	18.382	ug/l	96
6) Chloroethane	2.71	64	136594	18.917	ug/l	99
7) Trichlorofluoromethane	3.02	101	280707	19.170	ug/l	100
8) Diethyl Ether	3.41	74	110855	20.501	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.76	101	181187	19.830	ug/l	99
10) Methyl Iodide	3.96	142	256828	21.105	ug/l	99
11) Tert butyl alcohol	4.78	59	57109	111.589	ug/l	99
12) 1,1-Dichloroethene	3.74	96	169923	19.321	ug/l	99
13) Acrolein	3.61	56	73650	82.801	ug/l	100
14) Allyl chloride	4.33	41	293463	19.360	ug/l	99
15) Acrylonitrile	4.99	53	334404	103.222	ug/l	99
16) Acetone	3.82	43	286518	106.261	ug/l	100
17) Carbon Disulfide	4.06	76	466877	16.869	ug/l	100
18) Methyl Acetate	4.33	43	170155	22.000	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	487553	20.835	ug/l	99
20) Methylene Chloride	4.55	84	203784	19.313	ug/l	97
21) trans-1,2-Dichloroethene	5.05	96	181503	19.323	ug/l	96
22) Diisopropyl ether	5.95	45	635671	19.965	ug/l	100
23) Vinyl Acetate	5.90	43	1989405	100.314	ug/l	100
24) 1,1-Dichloroethane	5.85	63	361194	19.868	ug/l	99
25) 2-Butanone	6.83	43	399231	104.461	ug/l	98
26) 2,2-Dichloropropane	6.83	77	261149	20.754	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	215645	19.708	ug/l	99
28) Bromochloromethane	7.19	49	169923	20.464	ug/l	94
29) Tetrahydrofuran	7.21	42	246676	100.069	ug/l	98
30) Chloroform	7.37	83	355135	19.580	ug/l	98
31) Cyclohexane	7.65	56	327229	18.366	ug/l	93
32) 1,1,1-Trichloroethane	7.57	97	290905	20.243	ug/l	99
36) 1,1-Dichloropropene	7.79	75	266772	19.418	ug/l	100
37) Ethyl Acetate	6.93	43	171495	20.454	ug/l	99
38) Carbon Tetrachloride	7.77	117	253068	20.349	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	313233	18.759	ug/l	99
40) Benzene	8.04	78	808250	19.741	ug/l	99
41) Methacrylonitrile	7.17	41	85613	18.677	ug/l #	88
42) 1,2-Dichloroethane	8.13	62	254475	20.527	ug/l	99
43) Isopropyl Acetate	8.16	43	306643	21.612	ug/l #	87
44) Trichloroethene	8.84	130	210503	20.072	ug/l	97
45) 1,2-Dichloropropane	9.12	63	220283	20.237	ug/l	99
46) Dibromomethane	9.21	93	127067	21.087	ug/l	98
47) Bromodichloromethane	9.40	83	271438	20.719	ug/l	99
48) Methyl methacrylate	9.20	41	149490	20.206	ug/l	97
49) 1,4-Dioxane	9.20	88	36234	471.902	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	855528	107.467	ug/l	98
52) Toluene	10.16	92	497355	20.446	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	261531	20.751	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	309782	20.510	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	182645	21.346	ug/l	98
56) Ethyl methacrylate	10.43	69	227501	20.809	ug/l	99
57) 1,3-Dichloropropane	10.71	76	312323	20.672	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	655532	105.579	ug/l	99
59) 2-Hexanone	10.75	43	583807	109.267	ug/l	100
60) Dibromochloromethane	10.90	129	195316	21.017	ug/l	100
61) 1,2-Dibromoethane	11.01	107	179385	21.108	ug/l	100
64) Tetrachloroethene	10.63	164	206282	20.792	ug/l	98
65) Chlorobenzene	11.43	112	543774	20.609	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	192958	21.032	ug/l	99
67) Ethyl Benzene	11.51	91	938227	20.305	ug/l	100
68) m/p-Xylenes	11.62	106	709867	41.268	ug/l	100
69) o-Xylene	11.95	106	344337	20.614	ug/l	99
70) Styrene	11.96	104	557322	20.948	ug/l	100
71) Bromoform	12.13	173	134016	22.062	ug/l #	99
73) Isopropylbenzene	12.25	105	927186	20.703	ug/l	100
74) N-amyl acetate	12.07	43	241834	21.374	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	219156	21.512	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	184161m	20.921	ug/l	
77) Bromobenzene	12.53	156	231197	20.886	ug/l	99
78) n-propylbenzene	12.59	91	1045526	20.550	ug/l	99
79) 2-Chlorotoluene	12.67	91	623321	20.573	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	754291	21.118	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	56309	21.363	ug/l	99
82) 4-Chlorotoluene	12.77	91	619470	20.287	ug/l	99
83) tert-Butylbenzene	12.99	119	677314	21.271	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	765327	21.380	ug/l	98
85) sec-Butylbenzene	13.17	105	895015	20.636	ug/l	99
86) p-Isopropyltoluene	13.29	119	761628	20.618	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	398741	20.593	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	389217	20.407	ug/l	98
89) n-Butylbenzene	13.62	91	617182	20.090	ug/l	100
90) Hexachloroethane	13.88	117	127670	20.412	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	390285	21.097	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	31799	21.824	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	186038	20.148	ug/l	99
94) Hexachlorobutadiene	15.01	225	125471	21.083	ug/l	98
95) Naphthalene	15.13	128	394715	20.535	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	181350	21.128	ug/l	99

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

