

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102518\
 Data File : VN052003.D
 Acq On : 25 Oct 2018 11:21
 Operator : MD\SY
 Sample : VN1025WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1025WBSD01

Manual Integrations
 APPROVED

MMDadoda
 10/26/2018 9:19:38 AM

Quant Time: Oct 26 01:45:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 24 10:12:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1163249	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1704187	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1567235	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	768216	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	506490	48.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.78%	
35) Dibromofluoromethane	7.59	113	522572	48.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.10%	
50) Toluene-d8	10.09	98	1913484	48.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.38%	
62) 4-Bromofluorobenzene	12.40	95	627433	46.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	131011	17.748	ug/l	99
3) Chloromethane	2.07	50	124626	18.750	ug/l	97
4) Vinyl Chloride	2.19	62	157263	17.652	ug/l	100
5) Bromomethane	2.57	94	159816	18.736	ug/l	97
6) Chloroethane	2.71	64	115017	17.389	ug/l	94
7) Trichlorofluoromethane	3.02	101	291262	18.348	ug/l	97
8) Diethyl Ether	3.42	74	89668	18.999	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.77	101	179086	18.832	ug/l	100
10) Methyl Iodide	3.96	142	280060	19.905	ug/l	97
11) Tert butyl alcohol	4.79	59	43661	81.432	ug/l	98
12) 1,1-Dichloroethene	3.74	96	163207	19.164	ug/l	97
13) Acrolein	3.61	56	22013	97.967	ug/l	99
14) Allyl chloride	4.33	41	164058	18.205	ug/l	97
15) Acrylonitrile	4.99	53	228757	101.070	ug/l #	88
16) Acetone	3.82	43	150403	88.115	ug/l	99
17) Carbon Disulfide	4.06	76	352681	17.422	ug/l	100
18) Methyl Acetate	4.33	43	105275	18.872	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	441367	19.304	ug/l	93
20) Methylene Chloride	4.56	84	182483	18.224	ug/l	97
21) trans-1,2-Dichloroethene	5.05	96	183645	19.041	ug/l	98
22) Diisopropyl ether	5.96	45	391549	18.991	ug/l	98
23) Vinyl Acetate	5.90	43	1353570	96.509	ug/l	99
24) 1,1-Dichloroethane	5.85	63	276277	18.354	ug/l	99
25) 2-Butanone	6.83	43	243622	100.118	ug/l	98
26) 2,2-Dichloropropane	6.83	77	257489	18.697	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	213449	18.944	ug/l	98
28) Bromochloromethane	7.20	49	119470	19.693	ug/l	96
29) Tetrahydrofuran	7.22	42	161049	97.684	ug/l	99
30) Chloroform	7.37	83	347112	18.885	ug/l	99
31) Cyclohexane	7.66	56	239165	18.114	ug/l	93
32) 1,1,1-Trichloroethane	7.57	97	310537	18.477	ug/l	99
36) 1,1-Dichloropropene	7.80	75	241311	18.459	ug/l	99
37) Ethyl Acetate	6.93	43	114585	18.406	ug/l	99
38) Carbon Tetrachloride	7.78	117	275055	18.328	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.08	83	285272	17.867	ug/l	98
40) Benzene	8.04	78	725235	18.685	ug/l	100
41) Methacrylonitrile	7.17	41	47248m	16.084	ug/l	
42) 1,2-Dichloroethane	8.13	62	229810	18.466	ug/l	99
43) Isopropyl Acetate	8.17	43	212039	19.368	ug/l #	87
44) Trichloroethene	8.84	130	235096	18.870	ug/l	98
45) 1,2-Dichloropropane	9.12	63	165759	18.878	ug/l	98
46) Dibromomethane	9.21	93	134730	19.035	ug/l	97
47) Bromodichloromethane	9.40	83	245179	18.342	ug/l	98
48) Methyl methacrylate	9.20	41	99376	18.780	ug/l	97
49) 1,4-Dioxane	9.20	88	29258	301.532	ug/l #	94
51) 4-Methyl-2-Pentanone	9.99	43	589715	97.925	ug/l	99
52) Toluene	10.16	92	501393	19.050	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	232426	17.846	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	262343	18.777	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	186765	19.205	ug/l	99
56) Ethyl methacrylate	10.43	69	201434	19.270	ug/l	99
57) 1,3-Dichloropropane	10.71	76	279219	18.913	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	536585	98.102	ug/l	100
59) 2-Hexanone	10.75	43	394278	97.444	ug/l	100
60) Dibromochloromethane	10.90	129	202485	17.654	ug/l	98
61) 1,2-Dibromoethane	11.01	107	196979	19.211	ug/l	99
64) Tetrachloroethene	10.63	164	226238	18.808	ug/l	96
65) Chlorobenzene	11.43	112	600163	18.967	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	218119	19.178	ug/l	99
67) Ethyl Benzene	11.51	91	946948	18.617	ug/l	99
68) m/p-Xylenes	11.62	106	784787	38.617	ug/l	98
69) o-Xylene	11.95	106	378498	19.151	ug/l	100
70) Styrene	11.96	104	599898	18.990	ug/l	99
71) Bromoform	12.13	173	124039	17.316	ug/l #	98
73) Isopropylbenzene	12.25	105	1010504	20.741	ug/l	100
74) N-amyl acetate	12.07	43	187091	19.510	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	196198	19.489	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	169483m	21.358	ug/l	
77) Bromobenzene	12.53	156	279015	20.751	ug/l	97
78) n-propylbenzene	12.59	91	1057614	20.123	ug/l	100
79) 2-Chlorotoluene	12.67	91	628899	20.548	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	809308	20.705	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	41892	18.207	ug/l	95
82) 4-Chlorotoluene	12.77	91	631564	19.931	ug/l	99
83) tert-Butylbenzene	12.99	119	748563	20.248	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	808544	20.053	ug/l	99
85) sec-Butylbenzene	13.17	105	956205	19.803	ug/l	99
86) p-Isopropyltoluene	13.29	119	862160	19.833	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	476153	19.200	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	476993	19.510	ug/l	100
89) n-Butylbenzene	13.62	91	643619	18.594	ug/l	99
90) Hexachloroethane	13.87	117	120990	18.682	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	446779	18.623	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	22127	14.315	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	163790	11.558	ug/l	99
94) Hexachlorobutadiene	15.01	225	102598	14.090	ug/l	99
95) Naphthalene	15.13	128	321355	10.442	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	134768	9.949	ug/l	98

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

