

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111218\
 Data File : VN052255.D
 Acq On : 12 Nov 2018 12:05
 Operator : MD\SY
 Sample : VN1112WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1112WBSD01

Manual Integrations
 APPROVED

MMDadoda

11/13/2018 2:54:29 PM

Quant Time: Nov 13 00:48:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110918W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 12 00:34:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	265597	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	449766	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	417788	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	181192	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.02	65	175614	48.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.70%	
35) Dibromofluoromethane	7.59	113	142377	48.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.74%	
50) Toluene-d8	10.09	98	551104	48.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.66%	
62) 4-Bromofluorobenzene	12.40	95	180186	48.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	56875	19.697	ug/l	96
3) Chloromethane	2.06	50	76130	18.885	ug/l	100
4) Vinyl Chloride	2.19	62	63499	18.905	ug/l	99
5) Bromomethane	2.56	94	41190	19.329	ug/l	90
6) Chloroethane	2.70	64	37162	18.632	ug/l	98
7) Trichlorofluoromethane	3.02	101	87009	18.609	ug/l	100
8) Diethyl Ether	3.41	74	33193	18.046	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.76	101	54311	18.105	ug/l	96
10) Methyl Iodide	3.95	142	72342	18.587	ug/l	99
11) Tert butyl alcohol	4.78	59	12369	66.432	ug/l #	71
12) 1,1-Dichloroethene	3.74	96	49452	17.810	ug/l	94
13) Acrolein	3.60	56	25890	111.480	ug/l	98
14) Allyl chloride	4.32	41	97382	16.751	ug/l	92
15) Acrylonitrile	4.98	53	109518	95.703	ug/l	97
16) Acetone	3.81	43	84585	85.008	ug/l	98
17) Carbon Disulfide	4.06	76	142475	17.688	ug/l	100
18) Methyl Acetate	4.32	43	55904	18.419	ug/l	100
19) Methyl tert-butyl Ether	5.04	73	150939	19.027	ug/l	98
20) Methylene Chloride	4.55	84	64594	19.507	ug/l	96
21) trans-1,2-Dichloroethene	5.04	96	55627	18.433	ug/l	96
22) Diisopropyl ether	5.95	45	223039	19.139	ug/l	98
23) Vinyl Acetate	5.89	43	760332	95.083	ug/l	100
24) 1,1-Dichloroethane	5.85	63	114920	18.670	ug/l	100
25) 2-Butanone	6.83	43	130409	84.162	ug/l	97
26) 2,2-Dichloropropane	6.83	77	83065	18.477	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	64119	18.981	ug/l	100
28) Bromochloromethane	7.19	49	61033	20.067	ug/l	98
29) Tetrahydrofuran	7.21	42	87775	87.041	ug/l	98
30) Chloroform	7.37	83	110620	18.989	ug/l	96
31) Cyclohexane	7.65	56	112460	19.340	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	87760	18.483	ug/l	99
36) 1,1-Dichloropropene	7.79	75	83519	18.398	ug/l	98
37) Ethyl Acetate	6.92	43	53427	15.647	ug/l	98
38) Carbon Tetrachloride	7.77	117	77961	18.950	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	97913	18.909	ug/l	96
40) Benzene	8.04	78	247577	19.048	ug/l	99
41) Methacrylonitrile	7.17	41	29229	14.732	ug/l	89
42) 1,2-Dichloroethane	8.12	62	85732	18.799	ug/l	99
43) Isopropyl Acetate	8.16	43	106852	17.954	ug/l	98
44) Trichloroethene	8.83	130	61561	18.901	ug/l	97
45) 1,2-Dichloropropane	9.12	63	70356	19.376	ug/l	98
46) Dibromomethane	9.21	93	38418	18.419	ug/l	98
47) Bromodichloromethane	9.40	83	97418	22.543	ug/l	99
48) Methyl methacrylate	9.20	41	55336	17.646	ug/l	99
49) 1,4-Dioxane	9.20	88	7791	309.062	ug/l	95
51) 4-Methyl-2-Pentanone	9.98	43	298442	90.801	ug/l	100
52) Toluene	10.15	92	185958	23.717	ug/l #	1
53) t-1,3-Dichloropropene	10.38	75	81408	19.090	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	101477	20.158	ug/l #	76
55) 1,1,2-Trichloroethane	10.56	97	52237	18.433	ug/l	97
56) Ethyl methacrylate	10.43	69	69232	18.076	ug/l	99
57) 1,3-Dichloropropane	10.71	76	96263	18.975	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	213282	100.567	ug/l	99
59) 2-Hexanone	10.75	43	200172	86.756	ug/l	99
60) Dibromochloromethane	10.90	129	55082	19.162	ug/l	94
61) 1,2-Dibromoethane	11.00	107	52658	18.906	ug/l	99
64) Tetrachloroethene	10.63	164	54392	18.595	ug/l	95
65) Chlorobenzene	11.43	112	164320	18.562	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	55665	18.563	ug/l	99
67) Ethyl Benzene	11.51	91	294452	18.910	ug/l	98
68) m/p-Xylenes	11.62	106	220816	38.079	ug/l	96
69) o-Xylene	11.95	106	108641	19.610	ug/l #	1
70) Styrene	11.96	104	174825	19.532	ug/l #	89
71) Bromoform	12.12	173	33547	18.753	ug/l #	98
73) Isopropylbenzene	12.25	105	284007	19.174	ug/l	99
74) N-amyl acetate	12.07	43	96987	18.036	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	65029	17.909	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	58945m	18.387	ug/l	
77) Bromobenzene	12.53	156	64674	18.654	ug/l	81
78) n-propylbenzene	12.59	91	361753m	20.853	ug/l	
79) 2-Chlorotoluene	12.67	91	194400	19.344	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	235013	19.951	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	17527	18.662	ug/l	96
82) 4-Chlorotoluene	12.77	91	239595	23.760	ug/l	87
83) tert-Butylbenzene	12.99	119	198727	19.324	ug/l	94
84) 1,2,4-Trimethylbenzene	13.04	105	232018	19.535	ug/l	100
85) sec-Butylbenzene	13.17	105	274382	19.456	ug/l	100
86) p-Isopropyltoluene	13.29	119	233402	19.783	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	116084	19.233	ug/l	99
88) 1,4-Dichlorobenzene	13.35	146	225185	37.268	ug/l	99
89) n-Butylbenzene	13.62	91	204413	19.457	ug/l	99
90) Hexachloroethane	13.88	117	39814	19.226	ug/l	96
91) 1,2-Dichlorobenzene	13.65	146	110801	18.811	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	9437	18.281	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	45144	19.382	ug/l	96
94) Hexachlorobutadiene	15.01	225	26777	21.156	ug/l	99
95) Naphthalene	15.13	128	100496	17.506	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	39636	17.999	ug/l	99

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

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