

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061818\
 Data File : VN049344.D
 Acq On : 18 Jun 2018 15:38
 Operator : MD\SY
 Sample : VN0618WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0618WBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/19/2018 1:55:43 PM

Quant Time: Jun 19 02:28:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:02:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1689718	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2573544	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2299539	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	1138086	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	1190875	53.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.28%	
35) Dibromofluoromethane	7.59	113	1055314	50.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.36%	
50) Toluene-d8	10.09	98	3974655	50.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.26%	
62) 4-Bromofluorobenzene	12.40	95	1321941	50.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	363424	18.686	ug/l	97
3) Chloromethane	2.06	50	460955	18.354	ug/l	97
4) Vinyl Chloride	2.18	62	508615	19.056	ug/l	99
5) Bromomethane	2.56	94	223641	15.939	ug/l	99
6) Chloroethane	2.70	64	324206	20.372	ug/l	100
7) Trichlorofluoromethane	3.01	101	674783	20.265	ug/l	100
8) Diethyl Ether	3.41	74	257931	22.188	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.75	101	430511	20.385	ug/l	94
10) Methyl Iodide	3.95	142	330318	15.025	ug/l	92
11) Tert butyl alcohol	4.80	59	170472	129.599	ug/l	98
12) 1,1-Dichloroethene	3.73	96	390648	20.163	ug/l	91
13) Acrolein	3.61	56	102642	74.410	ug/l	98
14) Allyl chloride	4.32	41	650251	21.256	ug/l	89
15) Acrylonitrile	4.99	53	778112	118.302	ug/l	99
16) Acetone	3.82	43	679075	124.795	ug/l	91
17) Carbon Disulfide	4.05	76	1102066	18.148	ug/l	100
18) Methyl Acetate	4.33	43	445296	26.838	ug/l	94
19) Methyl tert-butyl Ether	5.05	73	1163937	23.563	ug/l	98
20) Methylene Chloride	4.55	84	460902	20.280	ug/l	92
21) trans-1,2-Dichloroethene	5.04	96	421857	20.567	ug/l	92
22) Diisopropyl ether	5.96	45	1382598	22.632	ug/l	97
23) Vinyl Acetate	5.90	43	4708953	118.243	ug/l	96
24) 1,1-Dichloroethane	5.85	63	824108	21.077	ug/l	98
25) 2-Butanone	6.84	43	908727	124.369	ug/l	99
26) 2,2-Dichloropropane	6.83	77	685467	21.708	ug/l	97
27) cis-1,2-Dichloroethene	6.83	96	489767	21.477	ug/l	92
28) Bromochloromethane	7.20	49	364973	21.054	ug/l	87
29) Tetrahydrofuran	7.22	42	576969	122.671	ug/l	93
30) Chloroform	7.37	83	826192	21.232	ug/l	100
31) Cyclohexane	7.66	56	690471	20.728	ug/l	95
32) 1,1,1-Trichloroethane	7.57	97	704508	21.219	ug/l	97
36) 1,1-Dichloropropene	7.79	75	607725	20.604	ug/l	97
37) Ethyl Acetate	6.93	43	401953	25.067	ug/l	97
38) Carbon Tetrachloride	7.78	117	626583	20.520	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	624058	19.710	ug/l	96
40) Benzene	8.04	78	1850212	20.461	ug/l	98
41) Methacrylonitrile	7.17	41	204853	23.632	ug/l #	100
42) 1,2-Dichloroethane	8.13	62	595440	21.313	ug/l	96
43) Isopropyl Acetate	8.17	43	822023	26.831	ug/l #	88
44) Trichloroethene	8.84	130	484733	20.299	ug/l	94
45) 1,2-Dichloropropane	9.12	63	494255	20.875	ug/l	100
46) Dibromomethane	9.21	93	290744	21.178	ug/l	92
47) Bromodichloromethane	9.41	83	632899	20.978	ug/l	97
48) Methyl methacrylate	9.20	41	350619	24.302	ug/l	88
49) 1,4-Dioxane	9.20	88	98032	492.320	ug/l	91
51) 4-Methyl-2-Pentanone	9.99	43	1965765	122.424	ug/l	93
52) Toluene	10.16	92	1128171	21.257	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	626318	21.701	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	727210	21.340	ug/l #	89
55) 1,1,2-Trichloroethane	10.56	97	424332	21.447	ug/l	98
56) Ethyl methacrylate	10.43	69	542125	23.751	ug/l #	86
57) 1,3-Dichloropropane	10.71	76	713318	21.763	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	725770	98.169	ug/l	95
59) 2-Hexanone	10.76	43	1321872	127.692	ug/l	93
60) Dibromochloromethane	10.90	129	467430	21.167	ug/l	100
61) 1,2-Dibromoethane	11.01	107	410715	22.333	ug/l	100
64) Tetrachloroethene	10.63	164	461514	19.586	ug/l	98
65) Chlorobenzene	11.44	112	1237881	20.897	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	465056	20.862	ug/l	99
67) Ethyl Benzene	11.51	91	2104321	21.416	ug/l	98
68) m/p-Xylenes	11.62	106	1603631	43.488	ug/l	97
69) o-Xylene	11.95	106	780001	21.962	ug/l	95
70) Styrene	11.97	104	1258374	22.458	ug/l	97
71) Bromoform	12.13	173	318498	22.072	ug/l #	100
73) Isopropylbenzene	12.25	105	2076011	20.775	ug/l	98
74) N-amyl acetate	12.07	43	575937	23.531	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.51	83	518287	24.050	ug/l	99
76) 1,2,3-Trichloropropane	12.56	75	433995m	22.349	ug/l	
77) Bromobenzene	12.53	156	528023	20.005	ug/l	93
78) n-propylbenzene	12.59	91	2294531	20.913	ug/l	99
79) 2-Chlorotoluene	12.68	91	1406089	20.226	ug/l	96
80) 1,3,5-Trimethylbenzene	12.74	105	1669624	21.258	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.30	75	139817	22.756	ug/l	93
82) 4-Chlorotoluene	12.78	91	1395555	20.808	ug/l	97
83) tert-Butylbenzene	13.00	119	1447006	20.795	ug/l	96
84) 1,2,4-Trimethylbenzene	13.04	105	1674460	21.461	ug/l	98
85) sec-Butylbenzene	13.17	105	1902401	20.541	ug/l	99
86) p-Isopropyltoluene	13.29	119	1620734	20.946	ug/l	98
87) 1,3-Dichlorobenzene	13.29	146	876946	20.196	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	858152	19.940	ug/l	100
89) n-Butylbenzene	13.62	91	1234284	20.423	ug/l	97
90) Hexachloroethane	13.88	117	315573	20.551	ug/l	89
91) 1,2-Dichlorobenzene	13.66	146	872429	20.486	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	76865	22.095	ug/l	86

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	320395	19.601	ug/l	98
94) Hexachlorobutadiene	15.01	225	285722	21.381	ug/l	99
95) Naphthalene	15.14	128	681619	22.449	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	345529	20.314	ug/l	98

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

