

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062518\
 Data File : VN049534.D
 Acq On : 26 Jun 2018 2:11
 Operator : MD\SY
 Sample : VN0625WBS03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBS03

Manual Integrations
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apatel
 6/26/2018 5:16:11 PM

Quant Time: Jun 26 03:45:29 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	1390898	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2087333	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1901245	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	878880	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	933045	50.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.16%	
35) Dibromofluoromethane	7.59	113	841466	49.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.66%	
50) Toluene-d8	10.09	98	3148842	48.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.94%	
62) 4-Bromofluorobenzene	12.40	95	1002904	47.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.34%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.85	85	264936	16.55	ug/l	99
3) Chloromethane	2.06	50	346225	16.75	ug/l	98
4) Vinyl Chloride	2.18	62	382903	17.43	ug/l	97
5) Bromomethane	2.57	94	228767	19.81	ug/l	97
6) Chloroethane	2.71	64	241841	18.46	ug/l	100
7) Trichlorofluoromethane	3.02	101	527866	19.26	ug/l	99
8) Diethyl Ether	3.41	74	183102	19.13	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.76	101	321841	18.51	ug/l	93
10) Methyl Iodide	3.95	142	358508	19.81	ug/l	92
11) Tert butyl alcohol	4.80	59	99047	91.48	ug/l	97
12) 1,1-Dichloroethene	3.74	96	293987	18.43	ug/l	90
13) Acrolein	3.61	56	121836	107.30	ug/l	98
14) Allyl chloride	4.32	41	472975	18.78	ug/l	89
15) Acrylonitrile	4.99	53	513483	94.84	ug/l	99
16) Acetone	3.82	43	360881	80.57	ug/l	91
17) Carbon Disulfide	4.05	76	836194	16.73	ug/l	100
18) Methyl Acetate	4.33	43	295357	21.63	ug/l	97
19) Methyl tert-butyl Ether	5.05	73	800430	19.69	ug/l	99
20) Methylene Chloride	4.55	84	355804	19.02	ug/l	91
21) trans-1,2-Dichloroethene	5.04	96	313856	18.59	ug/l	92
22) Diisopropyl ether	5.96	45	1028445	20.45	ug/l	97
23) Vinyl Acetate	5.90	43	3102875	94.65	ug/l	96
24) 1,1-Dichloroethane	5.85	63	626010	19.45	ug/l	97
25) 2-Butanone	6.84	43	544352	90.51	ug/l	97
26) 2,2-Dichloropropane	6.83	77	430397	16.56	ug/l	97
27) cis-1,2-Dichloroethene	6.83	96	362633	19.32	ug/l	91
28) Bromochloromethane	7.19	49	277340	19.44	ug/l #	83
29) Tetrahydrofuran	7.21	42	368143	95.09	ug/l	95
30) Chloroform	7.37	83	636031	19.86	ug/l	100
31) Cyclohexane	7.65	56	519480	18.93	ug/l	91
32) 1,1,1-Trichloroethane	7.57	97	540539	19.78	ug/l	97
36) 1,1-Dichloropropene	7.80	75	450913	18.85	ug/l	97
37) Ethyl Acetate	6.93	43	255304	19.63	ug/l	97
38) Carbon Tetrachloride	7.78	117	486036	19.62	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	463457	18.05	ug/l	96
40) Benzene	8.04	78	1402042	19.12	ug/l	99
41) Methacrylonitrile	7.17	41	138766	19.74	ug/l #	100
42) 1,2-Dichloroethane	8.13	62	438056	19.33	ug/l	96
43) Isopropyl Acetate	8.17	43	479306	19.29	ug/l	96
44) Trichloroethene	8.84	130	378185	19.53	ug/l	92
45) 1,2-Dichloropropane	9.12	63	376971	19.63	ug/l	99
46) Dibromomethane	9.21	93	216439	19.44	ug/l	92
47) Bromodichloromethane	9.40	83	475540	19.43	ug/l	97
48) Methyl methacrylate	9.20	41	232830	19.90	ug/l	88
49) 1,4-Dioxane	9.20	88	60510	374.67	ug/l	96
51) 4-Methyl-2-Pentanone	9.99	43	1271776	97.65	ug/l	95
52) Toluene	10.16	92	864748	20.09	ug/l	97
53) t-1,3-Dichloropropene	10.38	75	423246	18.08	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	513767	18.59	ug/l #	90
55) 1,1,2-Trichloroethane	10.56	97	313029	19.51	ug/l	97
56) Ethyl methacrylate	10.43	69	346525	18.72	ug/l #	87
57) 1,3-Dichloropropane	10.71	76	519789	19.55	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.70	63	491468	84.33	ug/l	95
59) 2-Hexanone	10.75	43	776899	92.53	ug/l	94
60) Dibromochloromethane	10.90	129	346476	19.34	ug/l	100
61) 1,2-Dibromoethane	11.01	107	291146	19.52	ug/l	99
64) Tetrachloroethene	10.63	164	413664	21.23	ug/l	98
65) Chlorobenzene	11.44	112	935442	19.10	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	353490	19.18	ug/l	99
67) Ethyl Benzene	11.51	91	1565288	19.27	ug/l	98
68) m/p-Xylenes	11.62	106	1205045	39.53	ug/l	96
69) o-Xylene	11.95	106	576900	19.65	ug/l	95
70) Styrene	11.97	104	889606	19.20	ug/l	99
71) Bromoform	12.13	173	225289	18.88	ug/l #	99
73) Isopropylbenzene	12.25	105	1523207	19.74	ug/l	97
74) N-amyl acetate	12.07	43	343770	18.19	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.51	83	337835	19.93	ug/l	99
76) 1,2,3-Trichloropropane	12.56	75	307038m	20.47	ug/l	
77) Bromobenzene	12.53	156	388005	19.04	ug/l	90
78) n-propylbenzene	12.59	91	1678470	19.81	ug/l	98
79) 2-Chlorotoluene	12.68	91	1048928	19.54	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	1239396	20.43	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.30	75	81707	17.22	ug/l	95
82) 4-Chlorotoluene	12.78	91	1011959	19.54	ug/l	96
83) tert-Butylbenzene	12.99	119	1042872	19.41	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	1226365	20.35	ug/l	98
85) sec-Butylbenzene	13.17	105	1376219	19.24	ug/l	99
86) p-Isopropyltoluene	13.29	119	1150990	19.26	ug/l	97
87) 1,3-Dichlorobenzene	13.28	146	631884	18.84	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	618632	18.61	ug/l	100
89) n-Butylbenzene	13.62	91	808822	17.33	ug/l	98
90) Hexachloroethane	13.88	117	240554	20.26	ug/l	89
91) 1,2-Dichlorobenzene	13.66	146	633410	19.26	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	46548	17.33	ug/l	84

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	185448	15.88	ug/l	96
94) Hexachlorobutadiene	15.01	225	197921	18.88	ug/l	98
95) Naphthalene	15.14	128	363968	16.41	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	207341	16.56	ug/l	98

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

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