

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061918\
 Data File : VN049391.D
 Acq On : 19 Jun 2018 17:46
 Operator : MD\SY
 Sample : VN0619WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0619WBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/20/2018 4:54:01 PM

Quant Time: Jun 20 05:04:17 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	1456127	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2199131	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1977112	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	940471	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	928583	48.08	ug/l	0.00
Spiked Amount			Recovery	=	96.16%	
35) Dibromofluoromethane	7.59	113	817626	45.95	ug/l	0.00
Spiked Amount			Recovery	=	91.90%	
50) Toluene-d8	10.09	98	3031675	44.75	ug/l	0.00
Spiked Amount			Recovery	=	89.50%	
62) 4-Bromofluorobenzene	12.40	95	1006259	44.92	ug/l	0.00
Spiked Amount			Recovery	=	89.84%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	330544	19.722	ug/l	98
3) Chloromethane	2.06	50	417097	19.272	ug/l	97
4) Vinyl Chloride	2.18	62	449237	19.531	ug/l	99
5) Bromomethane	2.57	94	220777	18.259	ug/l	100
6) Chloroethane	2.70	64	275026	20.054	ug/l	99
7) Trichlorofluoromethane	3.01	101	566036	19.727	ug/l	98
8) Diethyl Ether	3.41	74	206927	20.656	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.75	101	353357	19.416	ug/l	94
10) Methyl Iodide	3.95	142	337388	17.808	ug/l	91
11) Tert butyl alcohol	4.81	59	135029	119.122	ug/l	98
12) 1,1-Dichloroethene	3.73	96	325692	19.507	ug/l	89
13) Acrolein	3.61	56	189257	159.211	ug/l	100
14) Allyl chloride	4.32	41	513007	19.460	ug/l	89
15) Acrylonitrile	4.99	53	616808	108.821	ug/l	99
16) Acetone	3.82	43	476549	101.625	ug/l	92
17) Carbon Disulfide	4.05	76	965830	18.456	ug/l	98
18) Methyl Acetate	4.33	43	326135	22.810	ug/l	94
19) Methyl tert-butyl Ether	5.05	73	903953	21.235	ug/l	100
20) Methylene Chloride	4.55	84	376553	19.227	ug/l	92
21) trans-1,2-Dichloroethene	5.04	96	344230	19.475	ug/l	91
22) Diisopropyl ether	5.96	45	1087948	20.666	ug/l	99
23) Vinyl Acetate	5.90	43	3653791	106.466	ug/l	96
24) 1,1-Dichloroethane	5.85	63	658763	19.551	ug/l	99
25) 2-Butanone	6.84	43	685494	108.868	ug/l	94
26) 2,2-Dichloropropane	6.83	77	511291	18.789	ug/l	97
27) cis-1,2-Dichloroethene	6.83	96	385388	19.611	ug/l	92
28) Bromochloromethane	7.20	49	281373	18.836	ug/l #	83
29) Tetrahydrofuran	7.22	42	460196	113.540	ug/l	93
30) Chloroform	7.37	83	663840	19.797	ug/l	98
31) Cyclohexane	7.65	56	573780	19.982	ug/l	94
32) 1,1,1-Trichloroethane	7.57	97	568650	19.875	ug/l	97
36) 1,1-Dichloropropene	7.79	75	475640	18.871	ug/l	94
37) Ethyl Acetate	6.93	43	315196	23.004	ug/l #	94
38) Carbon Tetrachloride	7.78	117	500206	19.170	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	500103	18.484	ug/l	97
40) Benzene	8.04	78	1509479	19.535	ug/l	99
41) Methacrylonitrile	7.18	41	159902	21.587	ug/l #	100
42) 1,2-Dichloroethane	8.13	62	476212	19.948	ug/l	96
43) Isopropyl Acetate	8.17	43	666500	25.459	ug/l	98
44) Trichloroethene	8.84	130	398091	19.509	ug/l	93
45) 1,2-Dichloropropane	9.12	63	400046	19.773	ug/l	99
46) Dibromomethane	9.21	93	238595	20.338	ug/l	92
47) Bromodichloromethane	9.41	83	501072	19.436	ug/l	97
48) Methyl methacrylate	9.20	41	266666	21.630	ug/l	87
49) 1,4-Dioxane	9.20	88	78031	458.593	ug/l	93
51) 4-Methyl-2-Pentanone	9.99	43	1563047	113.916	ug/l	95
52) Toluene	10.16	92	917770	20.237	ug/l	97
53) t-1,3-Dichloropropene	10.38	75	478191	19.390	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	565357	19.415	ug/l	90
55) 1,1,2-Trichloroethane	10.56	97	340027	20.112	ug/l	98
56) Ethyl methacrylate	10.43	69	416235	21.340	ug/l #	88
57) 1,3-Dichloropropane	10.71	76	567651	20.268	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.70	63	539797	87.302	ug/l	95
59) 2-Hexanone	10.76	43	1001746	113.243	ug/l	94
60) Dibromochloromethane	10.90	129	368388	19.523	ug/l	99
61) 1,2-Dibromoethane	11.01	107	325625	20.720	ug/l	99
64) Tetrachloroethene	10.63	164	422432	20.851	ug/l	98
65) Chlorobenzene	11.44	112	983331	19.307	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	369694	19.288	ug/l	99
67) Ethyl Benzene	11.51	91	1667504	19.738	ug/l	97
68) m/p-Xylenes	11.62	106	1279422	40.354	ug/l	95
69) o-Xylene	11.95	106	616175	20.178	ug/l	94
70) Styrene	11.97	104	980621	20.355	ug/l	97
71) Bromoform	12.13	173	257615	20.764	ug/l #	99
73) Isopropylbenzene	12.25	105	1626124	19.692	ug/l	98
74) N-amyl acetate	12.07	43	429696	21.245	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.51	83	406798	22.725	ug/l	99
76) 1,2,3-Trichloropropane	12.56	75	364442m	22.711	ug/l	
77) Bromobenzene	12.53	156	414216	18.991	ug/l	92
78) n-propylbenzene	12.59	91	1788093	19.721	ug/l	99
79) 2-Chlorotoluene	12.68	91	1111006	19.339	ug/l	97
80) 1,3,5-Trimethylbenzene	12.74	105	1301374	20.051	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	103868	20.458	ug/l	95
82) 4-Chlorotoluene	12.78	91	1093642	19.733	ug/l	97
83) tert-Butylbenzene	13.00	119	1093222	19.012	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	1303616	20.218	ug/l	98
85) sec-Butylbenzene	13.17	105	1456190	19.027	ug/l	100
86) p-Isopropyltoluene	13.29	119	1220267	19.084	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	679510	18.937	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	653116	18.364	ug/l	99
89) n-Butylbenzene	13.62	91	873715	17.494	ug/l	97
90) Hexachloroethane	13.88	117	257385	20.260	ug/l	93
91) 1,2-Dichlorobenzene	13.66	146	683504	19.422	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	59935	20.848	ug/l	89

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93) 1,2,4-Trichlorobenzene	14.91	180	217111	16.927	ug/l	100
94) Hexachlorobutadiene	15.01	225	202541	17.933	ug/l	99
95) Naphthalene	15.14	128	457920	18.815	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	246868	18.032	ug/l	100

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

