

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051820\
 Data File : VN061454.D
 Acq On : 19 May 2020 3:02
 Operator : JC/MD
 Sample : VN0518WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0518WBSD02

Manual Integrations
 APPROVED

MMDadoda
 5/19/2020 4:24:31 PM

Quant Time: May 19 04:52:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051820W.M
 Quant Title : SW846 8260
 QLast Update : Mon May 18 13:09:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	271695	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.54	114	504438	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	476775	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	213152	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.98	65	207295	51.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.24%	
35) Dibromofluoromethane	7.54	113	141744	53.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.28%	
50) Toluene-d8	10.06	98	620538	50.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.26%	
62) 4-Bromofluorobenzene	12.37	95	230380	50.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.62%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.83	85	40797	18.059	ug/l	100
3) Chloromethane	2.03	50	64099	17.396	ug/l	97
4) Vinyl Chloride	2.16	62	94712	17.960	ug/l	96
5) Bromomethane	2.54	94	54362	17.817	ug/l	99
6) Chloroethane	2.67	64	61112	17.217	ug/l	96
7) Trichlorofluoromethane	2.98	101	144919	22.635	ug/l	100
8) Diethyl Ether	3.37	74	33777	18.113	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.72	101	47765	17.941	ug/l	99
10) Methyl Iodide	3.91	142	57501	17.782	ug/l	100
11) Tert butyl alcohol	4.72	59	41280	88.352	ug/l #	90
12) 1,1-Dichloroethene	3.69	96	48751	17.505	ug/l	92
13) Acrolein	3.56	56	25619	62.390	ug/l	99
14) Allyl chloride	4.27	41	77338	17.064	ug/l	98
15) Acrylonitrile	4.92	53	118592	85.674	ug/l	99
16) Acetone	3.77	43	91316	80.258	ug/l	98
17) Carbon Disulfide	4.01	76	128211	19.504	ug/l	99
18) Methyl Acetate	4.27	43	48793	16.836	ug/l	98
19) Methyl tert-butyl Ether	4.98	73	186871	17.682	ug/l	93
20) Methylene Chloride	4.50	84	58013	17.408	ug/l	97
21) trans-1,2-Dichloroethene	4.98	96	57411	17.878	ug/l	98
22) Diisopropyl ether	5.89	45	181260	17.797	ug/l	96
23) Vinyl Acetate	5.83	43	714591	88.232	ug/l	100
24) 1,1-Dichloroethane	5.79	63	107730	18.135	ug/l	99
25) 2-Butanone	6.78	43	153596	83.194	ug/l	98
26) 2,2-Dichloropropane	6.77	77	82546	14.576	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	69097	18.215	ug/l	96
28) Bromochloromethane	7.14	49	50366	19.974	ug/l	98
29) Tetrahydrofuran	7.16	42	102983	84.225	ug/l	99
30) Chloroform	7.32	83	117816	18.989	ug/l	100
31) Cyclohexane	7.61	56	96324	16.423	ug/l	96
32) 1,1,1-Trichloroethane	7.52	97	103283	18.217	ug/l	99
36) 1,1-Dichloropropene	7.75	75	84743	17.966	ug/l	100
37) Ethyl Acetate	6.87	43	67587	15.800	ug/l	99
38) Carbon Tetrachloride	7.73	117	78063	17.974	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	88952	15.440	ug/l	98
40) Benzene	8.00	78	253831	17.857	ug/l	100
41) Methacrylonitrile	7.11	41	25532	14.132	ug/l #	81
42) 1,2-Dichloroethane	8.08	62	93114	18.182	ug/l	100
43) Isopropyl Acetate	8.12	43	124267	16.657	ug/l #	92
44) Trichloroethene	8.80	130	68221	18.317	ug/l	100
45) 1,2-Dichloropropane	9.08	63	64347	18.086	ug/l	99
46) Dibromomethane	9.17	93	45580	18.275	ug/l	99
47) Bromodichloromethane	9.37	83	95035	18.084	ug/l	100
48) Methyl methacrylate	9.16	41	56949	16.524	ug/l	98
49) 1,4-Dioxane	9.16	88	13587	350.317	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	349381	85.966	ug/l	100
52) Toluene	10.12	92	164713	18.049	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	100241	17.404	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	106952	17.468	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	63924	18.528	ug/l	99
56) Ethyl methacrylate	10.40	69	94951	17.603	ug/l	99
57) 1,3-Dichloropropane	10.68	76	110305	18.500	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	208848	88.211	ug/l	98
59) 2-Hexanone	10.72	43	243759	82.900	ug/l	100
60) Dibromochloromethane	10.87	129	69129	18.114	ug/l	98
61) 1,2-Dibromoethane	10.98	107	65792	18.137	ug/l	100
64) Tetrachloroethene	10.60	164	63440	17.199	ug/l	99
65) Chlorobenzene	11.40	112	175088	18.008	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	61013	17.505	ug/l	97
67) Ethyl Benzene	11.48	91	323751	18.242	ug/l	99
68) m/p-Xylenes	11.59	106	241512	35.852	ug/l	100
69) o-Xylene	11.92	106	116512	17.873	ug/l	98
70) Styrene	11.94	104	194979	18.062	ug/l	100
71) Bromoform	12.10	173	41393	16.675	ug/l #	99
73) Isopropylbenzene	12.22	105	303805	17.754	ug/l	100
74) N-amyl acetate	12.04	43	105723	16.879	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	83311	17.696	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	76015m	16.620	ug/l	
77) Bromobenzene	12.50	156	68801	18.527	ug/l	98
78) n-propylbenzene	12.56	91	340803	17.480	ug/l	100
79) 2-Chlorotoluene	12.65	91	204625	17.756	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	245699	17.536	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	25378	14.719	ug/l	95
82) 4-Chlorotoluene	12.75	91	216174	18.116	ug/l	99
83) tert-Butylbenzene	12.97	119	199040	16.585	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	244483	17.436	ug/l	99
85) sec-Butylbenzene	13.15	105	258660	15.939	ug/l	100
86) p-Isopropyltoluene	13.26	119	234328	16.261	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	122918	18.086	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	125561	18.447	ug/l	99
89) n-Butylbenzene	13.59	91	203355	15.533	ug/l	100
90) Hexachloroethane	13.85	117	32111	16.442	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	119995	18.406	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	16454	17.302	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	61626	17.433	ug/l	98
94) Hexachlorobutadiene	14.99	225	21993	14.002	ug/l	100
95) Naphthalene	15.10	128	208403	18.544	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	61226	17.398	ug/l	96

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

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