

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN022619\
 Data File : VN053950.D
 Acq On : 26 Feb 2019 13:03
 Operator : JC/SP
 Sample : VN0226WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0226WBSD01

Manual Integrations
 APPROVED

MMDadoda
 2/28/2019 10:49:57 AM

Quant Time: Feb 27 02:45:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 05:37:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	625993	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1001600	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	874851	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	382645	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	370186	50.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.90%	
35) Dibromofluoromethane	7.59	113	323213	49.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.80%	
50) Toluene-d8	10.09	98	1182049	49.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.06%	
62) 4-Bromofluorobenzene	12.40	95	386734	48.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.28%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	113828	19.758	ug/l	98
3) Chloromethane	2.06	50	165467	20.706	ug/l	98
4) Vinyl Chloride	2.19	62	162946	20.351	ug/l	100
5) Bromomethane	2.57	94	105508	19.897	ug/l	97
6) Chloroethane	2.71	64	100951	20.273	ug/l	99
7) Trichlorofluoromethane	3.02	101	203086	19.854	ug/l	97
8) Diethyl Ether	3.41	74	77539	20.233	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.76	101	126287	19.548	ug/l	93
10) Methyl Iodide	3.96	142	170781	20.118	ug/l	98
11) Tert butyl alcohol	4.77	59	44922	96.568	ug/l	98
12) 1,1-Dichloroethene	3.74	96	122342	19.798	ug/l	94
13) Acrolein	3.61	56	49895	103.597	ug/l	98
14) Allyl chloride	4.33	41	222529	20.532	ug/l	95
15) Acrylonitrile	4.99	53	254706	103.887	ug/l	100
16) Acetone	3.82	43	207031	99.250	ug/l	96
17) Carbon Disulfide	4.06	76	378997	19.011	ug/l	99
18) Methyl Acetate	4.33	43	106360	20.729	ug/l	93
19) Methyl tert-butyl Ether	5.04	73	340490	20.540	ug/l	98
20) Methylene Chloride	4.55	84	143555	19.766	ug/l	88
21) trans-1,2-Dichloroethene	5.04	96	133699	19.990	ug/l	94
22) Diisopropyl ether	5.95	45	434504	20.780	ug/l	96
23) Vinyl Acetate	5.90	43	1546193	102.793	ug/l	95
24) 1,1-Dichloroethane	5.85	63	260772	20.337	ug/l	99
25) 2-Butanone	6.83	43	292131	101.389	ug/l	95
26) 2,2-Dichloropropane	6.82	77	187179	20.547	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	149587	20.111	ug/l	93
28) Bromochloromethane	7.19	49	128175	21.839	ug/l	82
29) Tetrahydrofuran	7.21	42	192739	100.451	ug/l	93
30) Chloroform	7.37	83	251931	20.262	ug/l	98
31) Cyclohexane	7.65	56	242457	20.419	ug/l	96
32) 1,1,1-Trichloroethane	7.57	97	206323	20.126	ug/l	96
36) 1,1-Dichloropropene	7.79	75	186891	20.064	ug/l	98
37) Ethyl Acetate	6.93	43	127848	19.223	ug/l	94
38) Carbon Tetrachloride	7.78	117	177402	18.313	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	211123	18.805	ug/l	94
40) Benzene	8.04	78	581874	20.335	ug/l	100
41) Methacrylonitrile	7.17	41	68475	15.989	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	182052	20.550	ug/l	97
43) Isopropyl Acetate	8.16	43	215493	19.190	ug/l #	90
44) Trichloroethene	8.83	130	145429	19.171	ug/l	98
45) 1,2-Dichloropropane	9.12	63	157279	20.373	ug/l	97
46) Dibromomethane	9.21	93	90057	20.093	ug/l	93
47) Bromodichloromethane	9.40	83	190834	20.204	ug/l	98
48) Methyl methacrylate	9.20	41	100736	19.503	ug/l	94
49) 1,4-Dioxane	9.20	88	26558	379.617	ug/l	91
51) 4-Methyl-2-Pentanone	9.98	43	591601	102.522	ug/l	96
52) Toluene	10.16	92	340250	20.194	ug/l	97
53) t-1,3-Dichloropropene	10.38	75	182493	19.857	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	216586	19.991	ug/l	93
55) 1,1,2-Trichloroethane	10.56	97	126044	20.031	ug/l	99
56) Ethyl methacrylate	10.43	69	149136	19.324	ug/l	89
57) 1,3-Dichloropropane	10.71	76	218423	20.544	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	333709	95.760	ug/l	96
59) 2-Hexanone	10.75	43	375149	99.959	ug/l	93
60) Dibromochloromethane	10.90	129	135760	19.413	ug/l	99
61) 1,2-Dibromoethane	11.00	107	119171	19.632	ug/l	99
64) Tetrachloroethene	10.63	164	145551	19.648	ug/l	98
65) Chlorobenzene	11.43	112	361634	19.586	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.51	131	131712	19.794	ug/l	100
67) Ethyl Benzene	11.51	91	613524	19.821	ug/l	99
68) m/p-Xylenes	11.62	106	463348	39.663	ug/l	95
69) o-Xylene	11.95	106	227369	19.808	ug/l	99
70) Styrene	11.96	104	356404	20.187	ug/l	98
71) Bromoform	12.13	173	89930	19.426	ug/l #	99
73) Isopropylbenzene	12.25	105	596242	20.017	ug/l	99
74) N-amyl acetate	12.07	43	153872	19.710	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.50	83	149984	20.136	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	122581m	19.970	ug/l	
77) Bromobenzene	12.53	156	149306	19.743	ug/l	90
78) n-propylbenzene	12.59	91	682458	20.146	ug/l	98
79) 2-Chlorotoluene	12.67	91	410055	20.151	ug/l	96
80) 1,3,5-Trimethylbenzene	12.73	105	500701	20.533	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	37618	19.370	ug/l	92
82) 4-Chlorotoluene	12.77	91	409896	20.381	ug/l	96
83) tert-Butylbenzene	12.99	119	441216	20.458	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	500602	20.563	ug/l	99
85) sec-Butylbenzene	13.17	105	599930	20.366	ug/l	99
86) p-Isopropyltoluene	13.29	119	501487	20.138	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	256831	19.632	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	252119	19.864	ug/l	98
89) n-Butylbenzene	13.62	91	417164	19.878	ug/l	99
90) Hexachloroethane	13.88	117	91341	18.928	ug/l	94
91) 1,2-Dichlorobenzene	13.65	146	256376	20.245	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	21139	20.082	ug/l	87

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	114996	17.846	ug/l	99
94) Hexachlorobutadiene	15.01	225	91301	19.958	ug/l	98
95) Naphthalene	15.13	128	229071	17.360	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	116182	18.243	ug/l	99

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

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