

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN122718\
 Data File : VN053207.D
 Acq On : 27 Dec 2018 12:50
 Operator : MD\SY
 Sample : VN1227WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1227WBSD01

Manual Integrations
 APPROVED

MMDadoda
 12/28/2018 10:14:17 AM

Quant Time: Dec 28 01:23:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 18 13:03:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	939529	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1453511	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1276138	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	528950	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	524915	55.05	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	110.10%	
35) Dibromofluoromethane	7.59	113	441006	66.42	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	132.84%	
50) Toluene-d8	10.09	98	1898867	53.27	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	106.54%	
62) 4-Bromofluorobenzene	12.40	95	624082	49.87	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.74%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	172338	18.124	ug/l	99
3) Chloromethane	2.06	50	216774	18.813	ug/l	99
4) Vinyl Chloride	2.19	62	225438	19.318	ug/l	99
5) Bromomethane	2.58	94	145355	17.978	ug/l	96
6) Chloroethane	2.71	64	136248	19.713	ug/l	98
7) Trichlorofluoromethane	3.03	101	292987	20.154	ug/l	100
8) Diethyl Ether	3.41	74	116729	21.284	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.77	101	185102	19.970	ug/l	99
10) Methyl Iodide	3.96	142	257726	19.800	ug/l	99
11) Tert butyl alcohol	4.78	59	57741	99.253	ug/l	99
12) 1,1-Dichloroethene	3.74	96	181925	20.316	ug/l	98
13) Acrolein	3.61	56	55794	105.771	ug/l	97
14) Allyl chloride	4.33	41	300810	21.686	ug/l	95
15) Acrylonitrile	4.99	53	344928	106.725	ug/l	100
16) Acetone	3.82	43	212839	113.854	ug/l	98
17) Carbon Disulfide	4.06	76	480219	16.443	ug/l	100
18) Methyl Acetate	4.33	43	190868	23.041	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	510230	21.291	ug/l	98
20) Methylene Chloride	4.55	84	216375	21.219	ug/l	96
21) trans-1,2-Dichloroethene	5.05	96	191138	19.866	ug/l	99
22) Diisopropyl ether	5.95	45	660753	22.317	ug/l	98
23) Vinyl Acetate	5.90	43	1872823	110.002	ug/l	99
24) 1,1-Dichloroethane	5.85	63	376843	21.419	ug/l	99
25) 2-Butanone	6.84	43	356961	113.779	ug/l	98
26) 2,2-Dichloropropane	6.83	77	259213	19.300	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	227397	20.877	ug/l	99
28) Bromochloromethane	7.20	49	171945	22.554	ug/l	98
29) Tetrahydrofuran	7.21	42	252303	107.676	ug/l	99
30) Chloroform	7.37	83	365456	21.145	ug/l	99
31) Cyclohexane	7.66	56	344290	20.239	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	301301	20.465	ug/l	99
36) 1,1-Dichloropropene	7.80	75	277818	19.914	ug/l	100
37) Ethyl Acetate	6.93	43	169074	21.709	ug/l	99
38) Carbon Tetrachloride	7.78	117	258505	20.215	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	310143	18.300	ug/l	100
40) Benzene	8.04	78	862702	20.789	ug/l	100
41) Methacrylonitrile	7.17	41	98901	21.978	ug/l	95
42) 1,2-Dichloroethane	8.12	62	253154	20.650	ug/l	99
43) Isopropyl Acetate	8.17	43	310246	19.957	ug/l #	91
44) Trichloroethene	8.84	130	233266	19.434	ug/l	99
45) 1,2-Dichloropropane	9.12	63	230215	21.299	ug/l	98
46) Dibromomethane	9.21	93	129440	20.557	ug/l	99
47) Bromodichloromethane	9.40	83	280724	20.974	ug/l	100
48) Methyl methacrylate	9.20	41	160029	21.175	ug/l	97
49) 1,4-Dioxane	9.20	88	34098	356.678	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	819077	108.598	ug/l	99
52) Toluene	10.16	92	530004	20.606	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	279078	19.829	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	328969	20.363	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	188938	21.055	ug/l	99
56) Ethyl methacrylate	10.43	69	245850	20.699	ug/l	98
57) 1,3-Dichloropropane	10.71	76	323132	20.999	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	699366	107.257	ug/l	99
59) 2-Hexanone	10.75	43	548856	107.556	ug/l	99
60) Dibromochloromethane	10.90	129	208765	20.325	ug/l	100
61) 1,2-Dibromoethane	11.01	107	184605	20.256	ug/l	100
64) Tetrachloroethene	10.63	164	245984	17.795	ug/l	99
65) Chlorobenzene	11.43	112	576685	20.386	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	206592	21.001	ug/l	99
67) Ethyl Benzene	11.51	91	987481	20.298	ug/l	99
68) m/p-Xylenes	11.62	106	734195	39.699	ug/l	100
69) o-Xylene	11.95	106	363130	20.462	ug/l	100
70) Styrene	11.96	104	584606	20.202	ug/l	99
71) Bromoform	12.13	173	134683	18.952	ug/l #	99
73) Isopropylbenzene	12.25	105	956646	23.115	ug/l	100
74) N-amyl acetate	12.07	43	267734	23.301	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	203803	25.101	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	177110m	19.890	ug/l	
77) Bromobenzene	12.53	156	242632	22.554	ug/l	97
78) n-propylbenzene	12.59	91	1037888	22.020	ug/l	100
79) 2-Chlorotoluene	12.67	91	621663	21.278	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	725478	21.507	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	57216	20.711	ug/l	100
82) 4-Chlorotoluene	12.77	91	619533	21.662	ug/l	100
83) tert-Butylbenzene	12.99	119	650840	21.816	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	725144	21.384	ug/l	100
85) sec-Butylbenzene	13.17	105	839295	20.799	ug/l	99
86) p-Isopropyltoluene	13.29	119	707888	20.302	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	387963	20.376	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	380427	19.730	ug/l	99
89) n-Butylbenzene	13.62	91	558761	18.627	ug/l	100
90) Hexachloroethane	13.88	117	110459	20.643	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	365574	20.401	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	27714	19.741	ug/l	97

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93) 1,2,4-Trichlorobenzene	14.91	180	172401	18.539	ug/l	99
94) Hexachlorobutadiene	15.01	225	107217	20.093	ug/l	99
95) Naphthalene	15.13	128	372412	18.643	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	157859	18.785	ug/l	100

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

