

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120419\
 Data File : VN059488.D
 Acq On : 4 Dec 2019 16:10
 Operator : JC/SP
 Sample : VN1204WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1204WBSD01

Manual Integrations
 APPROVED

apatel
 12/5/2019 11:19:23 AM

Quant Time: Dec 05 07:20:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N120319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 03 16:37:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	334899	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	529987	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	481911	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	220260	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	219996	52.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.76%	
35) Dibromofluoromethane	7.57	113	170963	51.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.58%	
50) Toluene-d8	10.08	98	676092	51.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.90%	
62) 4-Bromofluorobenzene	12.40	95	235676	51.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.70%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.83	85	74508	19.993	ug/l	100
3) Chloromethane	2.04	50	101994	20.420	ug/l	100
4) Vinyl Chloride	2.17	62	84622	28.233	ug/l	99
5) Bromomethane	2.54	94	34041	18.689	ug/l	99
6) Chloroethane	2.69	64	29419	16.625	ug/l	100
7) Trichlorofluoromethane	3.00	101	77875	21.513	ug/l	99
8) Diethyl Ether	3.39	74	47155	19.994	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.73	101	72867	20.506	ug/l	99
10) Methyl Iodide	3.93	142	92241	20.500	ug/l	99
11) Tert butyl alcohol	4.75	59	76737	97.883	ug/l	100
12) 1,1-Dichloroethene	3.71	96	69268	19.941	ug/l	97
13) Acrolein	3.58	56	66110	97.166	ug/l	99
14) Allyl chloride	4.29	41	126095	18.431	ug/l	92
15) Acrylonitrile	4.95	53	222109	104.723	ug/l	99
16) Acetone	3.79	43	239761	100.078	ug/l	100
17) Carbon Disulfide	4.03	76	225171	18.998	ug/l	100
18) Methyl Acetate	4.29	43	116309	20.767	ug/l	99
19) Methyl tert-butyl Ether	5.01	73	247711	20.924	ug/l	98
20) Methylene Chloride	4.52	84	83910	20.711	ug/l	99
21) trans-1,2-Dichloroethene	5.01	96	77573	19.959	ug/l	97
22) Diisopropyl ether	5.92	45	269065	21.130	ug/l	94
23) Vinyl Acetate	5.86	43	1117253	109.341	ug/l	100
24) 1,1-Dichloroethane	5.82	63	150738	20.838	ug/l	99
25) 2-Butanone	6.81	43	314235	99.373	ug/l	97
26) 2,2-Dichloropropane	6.80	77	130531	20.863	ug/l	99
27) cis-1,2-Dichloroethene	6.80	96	88618	20.530	ug/l	99
28) Bromochloromethane	7.17	49	61331	22.107	ug/l	100
29) Tetrahydrofuran	7.18	42	205082	103.141	ug/l	99
30) Chloroform	7.35	83	176861	25.322	ug/l	98
31) Cyclohexane	7.63	56	142375	20.313	ug/l	97
32) 1,1,1-Trichloroethane	7.55	97	126048	20.763	ug/l	98
36) 1,1-Dichloropropene	7.77	75	110568	20.048	ug/l	99
37) Ethyl Acetate	6.90	43	125225	20.327	ug/l	99
38) Carbon Tetrachloride	7.75	117	109914	20.721	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	131891	19.872	ug/l	97
40) Benzene	8.02	78	335936	20.801	ug/l	100
41) Methacrylonitrile	7.16	41	58312m	23.355	ug/l	
42) 1,2-Dichloroethane	8.10	62	114782	20.922	ug/l	100
43) Isopropyl Acetate	8.14	43	191114	20.858	ug/l	99
44) Trichloroethene	8.82	130	84527	20.028	ug/l	97
45) 1,2-Dichloropropane	9.10	63	89054	20.639	ug/l	99
46) Dibromomethane	9.19	93	55289	20.581	ug/l	99
47) Bromodichloromethane	9.39	83	117305	21.778	ug/l	97
48) Methyl methacrylate	9.18	41	82535	19.966	ug/l	98
49) 1,4-Dioxane	9.18	88	22505	359.787	ug/l	97
51) 4-Methyl-2-Pentanone	9.97	43	593120	109.053	ug/l	99
52) Toluene	10.15	92	203422	20.826	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	128767	20.316	ug/l	100
54) cis-1,3-Dichloropropene	9.83	75	139178	20.717	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	79895	20.749	ug/l	99
56) Ethyl methacrylate	10.42	69	116606	19.614	ug/l	99
57) 1,3-Dichloropropane	10.70	76	138008	20.726	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	159187	85.945	ug/l	100
59) 2-Hexanone	10.74	43	441622	107.894	ug/l	99
60) Dibromochloromethane	10.90	129	84636	20.586	ug/l	99
61) 1,2-Dibromoethane	11.00	107	81464	20.475	ug/l	98
64) Tetrachloroethene	10.62	164	75532	18.426	ug/l	98
65) Chlorobenzene	11.43	112	208825	19.822	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	79056	20.884	ug/l	98
67) Ethyl Benzene	11.51	91	379661	20.569	ug/l	100
68) m/p-Xylenes	11.62	106	283780	41.290	ug/l	98
69) o-Xylene	11.95	106	134345	20.532	ug/l	100
70) Styrene	11.96	104	209722	20.078	ug/l	99
71) Bromoform	12.13	173	59252	20.081	ug/l #	99
73) Isopropylbenzene	12.25	105	361366	20.458	ug/l	100
74) N-amyl acetate	12.07	43	142403	20.015	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	119429	21.078	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	104894m	19.153	ug/l	
77) Bromobenzene	12.53	156	86946	19.697	ug/l	97
78) n-propylbenzene	12.59	91	417112	20.291	ug/l	100
79) 2-Chlorotoluene	12.67	91	248400	20.046	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	305902	20.723	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	40050	19.192	ug/l	94
82) 4-Chlorotoluene	12.77	91	254200	19.883	ug/l	100
83) tert-Butylbenzene	12.99	119	261816	20.429	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	298133	20.666	ug/l	99
85) sec-Butylbenzene	13.17	105	344776	20.298	ug/l	100
86) p-Isopropyltoluene	13.29	119	309390	20.326	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	152534	19.599	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	151175	19.260	ug/l	99
89) n-Butylbenzene	13.62	91	265598	19.476	ug/l	100
90) Hexachloroethane	13.88	117	57636	19.633	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	147765	19.805	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	22705	19.350	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	78132	17.154	ug/l	99
94) Hexachlorobutadiene	15.01	225	54253	20.230	ug/l	99
95) Naphthalene	15.13	128	205198	17.986	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	77307	18.197	ug/l	99

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

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