

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082919\
 Data File : VN057561.D
 Acq On : 29 Aug 2019 20:27
 Operator : JC/SP
 Sample : VN0829WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0829WBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/5/2019 11:35:13 AM

Quant Time: Aug 30 13:03:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N082919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 08:56:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	436799	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	693224	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	631113	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	260046	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.02	65	364575	53.08	ug/l	0.00
Spiked Amount						
			Recovery	=	106.16%	
35) Dibromofluoromethane	7.58	113	296250	49.23	ug/l	0.00
Spiked Amount						
			Recovery	=	98.46%	
50) Toluene-d8	10.08	98	1167392	53.08	ug/l	0.00
Spiked Amount						
			Recovery	=	106.16%	
62) 4-Bromofluorobenzene	12.40	95	359412	48.30	ug/l	0.00
Spiked Amount						
			Recovery	=	96.60%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	98971	20.165	ug/l	100
3) Chloromethane	2.06	50	97143	19.823	ug/l	98
4) Vinyl Chloride	2.18	62	152656	21.116	ug/l	96
5) Bromomethane	2.55	94	134582	21.618	ug/l	100
6) Chloroethane	2.70	64	99900	20.610	ug/l	95
7) Trichlorofluoromethane	3.01	101	318135	21.186	ug/l	98
8) Diethyl Ether	3.40	74	99249	19.892	ug/l	69
9) 1,1,2-Trichlorotrifluoroet	3.74	101	182893	20.796	ug/l #	84
10) Methyl Iodide	3.93	142	294342	20.446	ug/l	95
11) Tert butyl alcohol	4.80	59	63588	90.191	ug/l	97
12) 1,1-Dichloroethene	3.72	96	175709	21.231	ug/l #	73
13) Acrolein	3.60	56	58786	97.378	ug/l	94
14) Allyl chloride	4.30	41	116869	19.292	ug/l #	84
15) Acrylonitrile	4.98	53	169287	96.976	ug/l	98
16) Acetone	3.81	43	253835	87.835	ug/l	95
17) Carbon Disulfide	4.03	76	204226	18.051	ug/l	97
18) Methyl Acetate	4.32	43	85506	19.975	ug/l #	88
19) Methyl tert-butyl Ether	5.03	73	293930	18.644	ug/l	94
20) Methylene Chloride	4.53	84	96212	17.972	ug/l #	83
21) trans-1,2-Dichloroethene	5.02	96	96278	18.597	ug/l #	79
22) Diisopropyl ether	5.94	45	277101	20.405	ug/l #	94
23) Vinyl Acetate	5.88	43	1091234	102.833	ug/l #	90
24) 1,1-Dichloroethane	5.83	63	173101	19.358	ug/l	99
25) 2-Butanone	6.83	43	218882	95.956	ug/l #	82
26) 2,2-Dichloropropane	6.80	77	156968	17.193	ug/l	98
27) cis-1,2-Dichloroethene	6.81	96	122500	19.538	ug/l	82
28) Bromochloromethane	7.18	49	83335	22.170	ug/l #	58
29) Tetrahydrofuran	7.20	42	144928	101.595	ug/l #	74
30) Chloroform	7.36	83	216573	19.517	ug/l	99
31) Cyclohexane	7.64	56	167133	20.126	ug/l #	82
32) 1,1,1-Trichloroethane	7.56	97	200087	20.284	ug/l	95
36) 1,1-Dichloropropene	7.78	75	149794	19.975	ug/l	95
37) Ethyl Acetate	6.92	43	101079	20.344	ug/l #	93
38) Carbon Tetrachloride	7.76	117	169214	19.296	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.07	83	189182	19.828	ug/l #	86
40) Benzene	8.03	78	452144	19.688	ug/l	99
41) Methacrylonitrile	7.16	41	44244	20.236	ug/l #	82
42) 1,2-Dichloroethane	8.11	62	167539	20.497	ug/l	97
43) Isopropyl Acetate	8.16	43	185351	19.986	ug/l #	91
44) Trichloroethene	8.83	130	125364	19.768	ug/l	87
45) 1,2-Dichloropropane	9.11	63	107447	20.022	ug/l	99
46) Dibromomethane	9.20	93	83121	19.753	ug/l #	89
47) Bromodichloromethane	9.40	83	167581	19.316	ug/l	99
48) Methyl methacrylate	9.19	41	84120	19.205	ug/l #	79
49) 1,4-Dioxane	9.20	88	30069	376.183	ug/l #	79
51) 4-Methyl-2-Pentanone	9.98	43	503932	101.670	ug/l	88
52) Toluene	10.15	92	299605	20.137	ug/l	97
53) t-1,3-Dichloropropene	10.38	75	159475	19.021	ug/l	98
54) cis-1,3-Dichloropropene	9.83	75	178183	19.622	ug/l #	88
55) 1,1,2-Trichloroethane	10.56	97	113032	19.753	ug/l	94
56) Ethyl methacrylate	10.43	69	150137	19.712	ug/l #	82
57) 1,3-Dichloropropane	10.71	76	180430	19.738	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.69	63	186035	104.107	ug/l #	85
59) 2-Hexanone	10.75	43	339443	99.193	ug/l	86
60) Dibromochloromethane	10.90	129	125198	19.181	ug/l	99
61) 1,2-Dibromoethane	11.00	107	117468	19.617	ug/l	97
64) Tetrachloroethene	10.63	164	125474	19.358	ug/l	95
65) Chlorobenzene	11.43	112	316402	19.974	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	124198	19.880	ug/l	98
67) Ethyl Benzene	11.51	91	576649	20.729	ug/l	97
68) m/p-Xylenes	11.62	106	431162	40.694	ug/l	93
69) o-Xylene	11.95	106	206767	19.433	ug/l	97
70) Styrene	11.96	104	331650	20.651	ug/l	96
71) Bromoform	12.13	173	81446	19.530	ug/l #	98
73) Isopropylbenzene	12.25	105	567523	20.738	ug/l	97
74) N-amyl acetate	12.07	43	144178	24.097	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.51	83	136303	23.372	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	117327m	22.734	ug/l	
77) Bromobenzene	12.53	156	128269	19.995	ug/l	73
78) n-propylbenzene	12.59	91	576833	20.983	ug/l	96
79) 2-Chlorotoluene	12.68	91	350102	20.446	ug/l	93
80) 1,3,5-Trimethylbenzene	12.73	105	473216	21.731	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	32654	18.881	ug/l	96
82) 4-Chlorotoluene	12.78	91	324164	20.404	ug/l	93
83) tert-Butylbenzene	12.99	119	411802	22.973	ug/l	94
84) 1,2,4-Trimethylbenzene	13.04	105	443999	22.293	ug/l	100
85) sec-Butylbenzene	13.17	105	508784	21.256	ug/l	98
86) p-Isopropyltoluene	13.29	119	436649	21.224	ug/l	97
87) 1,3-Dichlorobenzene	13.28	146	188303	20.211	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	179202	20.058	ug/l	96
89) n-Butylbenzene	13.62	91	320672	20.576	ug/l	96
90) Hexachloroethane	13.88	117	80153	18.514	ug/l	84
91) 1,2-Dichlorobenzene	13.66	146	187575	21.572	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.27	75	18600	19.068	ug/l	72

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	51859	17.075	ug/l	96
94) Hexachlorobutadiene	15.01	225	61860	21.586	ug/l	98
95) Naphthalene	15.13	128	150594	17.503	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	50083	17.042	ug/l	98

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

