

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032919\
 Data File : VN054782.D
 Acq On : 29 Mar 2019 20:38
 Operator : JC/SP
 Sample : VN0329WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0329WBS01

Manual Integrations
 APPROVED

MMDadoda
 4/1/2019 3:59:03 PM

Quant Time: Mar 30 22:02:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032919W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 00:48:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	415160	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	712834	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	611257	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	251016	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	306170	54.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.42%	
35) Dibromofluoromethane	7.59	113	235218	49.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.98%	
50) Toluene-d8	10.09	98	879510	49.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.56%	
62) 4-Bromofluorobenzene	12.40	95	285847	48.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.30%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.85	85	85848	20.443	ug/l	99
3) Chloromethane	2.07	50	122265	21.057	ug/l	99
4) Vinyl Chloride	2.19	62	110602	21.211	ug/l	98
5) Bromomethane	2.58	94	63930	22.133	ug/l	97
6) Chloroethane	2.71	64	60334	20.722	ug/l	98
7) Trichlorofluoromethane	3.02	101	136446	21.285	ug/l	98
8) Diethyl Ether	3.41	74	45964	22.267	ug/l	66
9) 1,1,2-Trichlorotrifluoroet	3.75	101	68906	20.419	ug/l	93
10) Methyl Iodide	3.94	142	99346	21.504	ug/l #	88
11) Tert butyl alcohol	4.82	59	37556	128.799	ug/l #	91
12) 1,1-Dichloroethene	3.73	96	69714	21.362	ug/l #	74
13) Acrolein	3.61	56	32607	125.088	ug/l	99
14) Allyl chloride	4.32	41	170629	21.227	ug/l #	87
15) Acrylonitrile	5.00	53	191349	118.064	ug/l	98
16) Acetone	3.82	43	133211	99.816	ug/l #	82
17) Carbon Disulfide	4.04	76	207520	19.606	ug/l	100
18) Methyl Acetate	4.33	43	87768	24.786	ug/l #	87
19) Methyl tert-butyl Ether	5.06	73	259829	22.761	ug/l	94
20) Methylene Chloride	4.55	84	100237	21.293	ug/l #	81
21) trans-1,2-Dichloroethene	5.04	96	92754	21.639	ug/l	86
22) Diisopropyl ether	5.96	45	355564	22.365	ug/l #	92
23) Vinyl Acetate	5.90	43	1252824	113.238	ug/l #	93
24) 1,1-Dichloroethane	5.85	63	185805	21.909	ug/l	98
25) 2-Butanone	6.85	43	236847	120.060	ug/l #	85
26) 2,2-Dichloropropane	6.82	77	110901	18.658	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	106664	22.028	ug/l	89
28) Bromochloromethane	7.20	49	99401	23.440	ug/l #	70
29) Tetrahydrofuran	7.22	42	160418	117.080	ug/l #	85
30) Chloroform	7.37	83	180743	22.351	ug/l	97
31) Cyclohexane	7.65	56	174558	21.411	ug/l	88
32) 1,1,1-Trichloroethane	7.57	97	147116	21.952	ug/l	95
36) 1,1-Dichloropropene	7.79	75	131022	19.726	ug/l	95
37) Ethyl Acetate	6.94	43	106216	21.806	ug/l #	96
38) Carbon Tetrachloride	7.77	117	126314	19.579	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	142142	19.465	ug/l	88
40) Benzene	8.04	78	401568	21.129	ug/l	100
41) Methacrylonitrile	7.18	41	55386	20.242	ug/l	93
42) 1,2-Dichloroethane	8.13	62	144751	21.330	ug/l	97
43) Isopropyl Acetate	8.17	43	177289	22.400	ug/l #	94
44) Trichloroethene	8.83	130	101778	20.629	ug/l	93
45) 1,2-Dichloropropane	9.12	63	113887	21.015	ug/l	96
46) Dibromomethane	9.21	93	65538	21.498	ug/l	87
47) Bromodichloromethane	9.41	83	133133	21.012	ug/l	92
48) Methyl methacrylate	9.20	41	88057	20.525	ug/l	89
49) 1,4-Dioxane	9.20	88	20850	489.791	ug/l #	86
51) 4-Methyl-2-Pentanone	9.99	43	513036	115.295	ug/l	91
52) Toluene	10.16	92	237432	20.994	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	119535	20.056	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	145772	20.475	ug/l	92
55) 1,1,2-Trichloroethane	10.56	97	88835	21.125	ug/l	95
56) Ethyl methacrylate	10.43	69	118177	21.423	ug/l #	85
57) 1,3-Dichloropropane	10.71	76	158231	21.886	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	222838	100.248	ug/l	89
59) 2-Hexanone	10.75	43	314988	110.578	ug/l	90
60) Dibromochloromethane	10.90	129	89531	21.018	ug/l	100
61) 1,2-Dibromoethane	11.01	107	85606	21.302	ug/l	99
64) Tetrachloroethene	10.63	164	100684	21.465	ug/l	96
65) Chlorobenzene	11.43	112	248353	20.752	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	92055	20.550	ug/l	99
67) Ethyl Benzene	11.51	91	442668	20.497	ug/l	95
68) m/p-Xylenes	11.62	106	322126	40.306	ug/l	94
69) o-Xylene	11.95	106	156666	19.991	ug/l	92
70) Styrene	11.97	104	260799	20.813	ug/l	97
71) Bromoform	12.13	173	53253	20.293	ug/l #	98
73) Isopropylbenzene	12.25	105	418897	20.417	ug/l	99
74) N-amyl acetate	12.07	43	137353	21.489	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.51	83	108479	23.062	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	99955m	22.922	ug/l	
77) Bromobenzene	12.53	156	101563	20.511	ug/l	84
78) n-propylbenzene	12.59	91	457832	20.303	ug/l	96
79) 2-Chlorotoluene	12.67	91	282534	20.252	ug/l	94
80) 1,3,5-Trimethylbenzene	12.73	105	343086	20.379	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.30	75	20881	18.626	ug/l #	79
82) 4-Chlorotoluene	12.77	91	272327	20.097	ug/l	95
83) tert-Butylbenzene	12.99	119	295684	21.478	ug/l	95
84) 1,2,4-Trimethylbenzene	13.04	105	336995	21.011	ug/l	97
85) sec-Butylbenzene	13.17	105	368220	20.135	ug/l	97
86) p-Isopropyltoluene	13.29	119	325839	20.201	ug/l	97
87) 1,3-Dichlorobenzene	13.28	146	164852	19.885	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	159546	19.622	ug/l	97
89) n-Butylbenzene	13.62	91	248131	18.855	ug/l	97
90) Hexachloroethane	13.88	117	50791	18.546	ug/l	90
91) 1,2-Dichlorobenzene	13.65	146	167055	19.966	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.27	75	15141	21.587	ug/l	84

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	70892	17.575	ug/l	98
94) Hexachlorobutadiene	15.01	225	48149	18.845	ug/l	97
95) Naphthalene	15.13	128	170114	18.804	ug/l	98
96) 1,2,3-Trichlorobenzene	15.31	180	76312	18.733	ug/l	99

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

