

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011320\
 Data File : VN059693.D
 Acq On : 13 Jan 2020 17:39
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN011320

Manual Integrations
 APPROVED

MMDadoda
 1/14/2020 11:00:06 AM

Quant Time: Jan 14 09:10:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 14 08:58:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	205632	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	318381	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	287332	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	141435	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	108261	47.41	ug/l	0.00
Spiked Amount			Recovery	=	94.82%	
35) Dibromofluoromethane	7.57	113	92707	48.83	ug/l	0.00
Spiked Amount			Recovery	=	97.66%	
50) Toluene-d8	10.08	98	354645	48.21	ug/l	0.00
Spiked Amount			Recovery	=	96.42%	
62) 4-Bromofluorobenzene	12.40	95	126855	47.83	ug/l	0.00
Spiked Amount			Recovery	=	95.66%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	123105	50.786	ug/l	98
3) Chloromethane	2.04	50	114825	48.774	ug/l	98
4) Vinyl Chloride	2.17	62	140340	52.101	ug/l	97
5) Bromomethane	2.54	94	84189	51.215	ug/l	98
6) Chloroethane	2.68	64	64149	50.338	ug/l	97
7) Trichlorofluoromethane	3.00	101	162514	50.238	ug/l	100
8) Diethyl Ether	3.38	74	56967	50.180	ug/l	84
9) 1,1,2-Trichlorotrifluoroet	3.74	101	91281	50.700	ug/l	92
10) Methyl Iodide	3.93	142	144466	49.641	ug/l	95
11) Tert butyl alcohol	4.73	59	95275	247.834	ug/l	100
12) 1,1-Dichloroethene	3.72	96	92692	49.270	ug/l	90
13) Acrolein	3.58	56	52424	192.643	ug/l	100
14) Allyl chloride	4.29	41	127924	50.447	ug/l #	88
15) Acrylonitrile	4.94	53	224571	256.091	ug/l	99
16) Acetone	3.78	43	194761	250.058	ug/l	96
17) Carbon Disulfide	4.03	76	263892	49.240	ug/l	99
18) Methyl Acetate	4.29	43	132842	49.802	ug/l	92
19) Methyl tert-butyl Ether	5.00	73	300866	49.050	ug/l	95
20) Methylene Chloride	4.52	84	102170	49.437	ug/l	90
21) trans-1,2-Dichloroethene	5.01	96	99951	49.980	ug/l	87
22) Diisopropyl ether	5.91	45	285201	49.630	ug/l	93
23) Vinyl Acetate	5.86	43	1126921	253.284	ug/l	95
24) 1,1-Dichloroethane	5.82	63	172070	49.005	ug/l	97
25) 2-Butanone	6.80	43	303097	234.380	ug/l	92
26) 2,2-Dichloropropane	6.79	77	163890	48.550	ug/l	96
27) cis-1,2-Dichloroethene	6.80	96	114514	49.786	ug/l	88
28) Bromochloromethane	7.17	49	70729	50.398	ug/l #	76
29) Tetrahydrofuran	7.18	42	195869	244.800	ug/l	89
30) Chloroform	7.35	83	180226	49.538	ug/l	99
31) Cyclohexane	7.63	56	157561	46.633	ug/l	91
32) 1,1,1-Trichloroethane	7.55	97	166680	49.550	ug/l	96
36) 1,1-Dichloropropene	7.77	75	135639	48.922	ug/l	96
37) Ethyl Acetate	6.90	43	124772	47.981	ug/l	95
38) Carbon Tetrachloride	7.75	117	148536	49.250	ug/l	98

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39) Methylcyclohexane	9.07	83	169394	49.550	ug/l	91
40) Benzene	8.02	78	400891	48.482	ug/l	100
41) Methacrylonitrile	7.15	41	63739m	49.763	ug/l	
42) 1,2-Dichloroethane	8.10	62	138854	49.528	ug/l	96
43) Isopropyl Acetate	8.14	43	217362	48.596	ug/l #	95
44) Trichloroethene	8.82	130	114397	50.678	ug/l	93
45) 1,2-Dichloropropane	9.10	63	101637	49.673	ug/l	99
46) Dibromomethane	9.19	93	70946	49.154	ug/l	90
47) Bromodichloromethane	9.39	83	143325	49.276	ug/l	98
48) Methyl methacrylate	9.18	41	98646	49.306	ug/l	91
49) 1,4-Dioxane	9.18	88	37443	1022.318	ug/l #	91
51) 4-Methyl-2-Pentanone	9.97	43	636874	246.314	ug/l	96
52) Toluene	10.14	92	257809	49.361	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	164479	50.645	ug/l	100
54) cis-1,3-Dichloropropene	9.82	75	172404	50.452	ug/l	94
55) 1,1,2-Trichloroethane	10.55	97	100332	48.502	ug/l	97
56) Ethyl methacrylate	10.42	69	159098	50.334	ug/l	92
57) 1,3-Dichloropropane	10.70	76	165464	50.382	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	242176	254.373	ug/l	92
59) 2-Hexanone	10.74	43	477600	250.730	ug/l	94
60) Dibromochloromethane	10.89	129	117363	49.822	ug/l	99
61) 1,2-Dibromoethane	10.99	107	108313	49.957	ug/l	99
64) Tetrachloroethene	10.62	164	102831	43.911	ug/l	96
65) Chlorobenzene	11.43	112	279883	49.558	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	107693	49.350	ug/l	99
67) Ethyl Benzene	11.50	91	503884	49.149	ug/l	98
68) m/p-Xylenes	11.62	106	383587	99.049	ug/l	94
69) o-Xylene	11.94	106	185160	48.837	ug/l	95
70) Styrene	11.96	104	317461	50.039	ug/l	97
71) Bromoform	12.12	173	89628	51.275	ug/l #	99
73) Isopropylbenzene	12.25	105	502362	48.431	ug/l	100
74) N-amyl acetate	12.06	43	196917	48.924	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.50	83	145026	48.228	ug/l	97
76) 1,2,3-Trichloropropane	12.55	75	131611m	55.294	ug/l	
77) Bromobenzene	12.52	156	127606	48.579	ug/l	83
78) n-propylbenzene	12.59	91	570054	48.964	ug/l	97
79) 2-Chlorotoluene	12.67	91	329397	47.559	ug/l	95
80) 1,3,5-Trimethylbenzene	12.73	105	419466	48.085	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.29	75	55816	50.359	ug/l	93
82) 4-Chlorotoluene	12.77	91	342289	49.272	ug/l	97
83) tert-Butylbenzene	12.99	119	365504	48.445	ug/l	95
84) 1,2,4-Trimethylbenzene	13.04	105	416694	48.283	ug/l	98
85) sec-Butylbenzene	13.17	105	481315	48.556	ug/l	98
86) p-Isopropyltoluene	13.28	119	446536	48.684	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	225388	49.396	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	223911	49.190	ug/l	97
89) n-Butylbenzene	13.61	91	389778	49.840	ug/l	99
90) Hexachloroethane	13.87	117	83500	48.657	ug/l	88
91) 1,2-Dichlorobenzene	13.65	146	220831	48.955	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.27	75	31927	49.443	ug/l	79

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	140854	51.966	ug/l	99
94) Hexachlorobutadiene	15.01	225	74559	49.917	ug/l	99
95) Naphthalene	15.13	128	400551	51.954	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	134721	51.063	ug/l	99

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

