

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011320\
 Data File : VN059687.D
 Acq On : 13 Jan 2020 13:43
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

apatel
 1/14/2020 2:40:42 PM

Quant Time: Jan 18 03:19:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 14 08:36:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	210062	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	314971	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	276939	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	123739	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.00	65	0d	0.00	ug/l	
Spiked Amount 50.000			Recovery	=	0.00%	
35) Dibromofluoromethane	0.00	113	0d	0.00	ug/l	
Spiked Amount 50.000			Recovery	=	0.00%	
50) Toluene-d8	0.00	98	0d	0.00	ug/l	
Spiked Amount 50.000			Recovery	=	0.00%	
62) 4-Bromofluorobenzene	0.00	95	0d	0.00	ug/l	
Spiked Amount 50.000			Recovery	=	0.00%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.83	85	1685	0.621	ug/l	98
3) Chloromethane	2.04	50	2463	0.572	ug/l	89
4) Vinyl Chloride	2.17	62	2392	0.586	ug/l	97
6) Chloroethane	2.69	64	1207	0.526	ug/l	91
7) Trichlorofluoromethane	3.00	101	3036	0.677	ug/l	88
8) Diethyl Ether	3.39	74	1049	0.749	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	3.74	101	1629	0.721	ug/l #	71
12) 1,1-Dichloroethene	3.72	96	1922	0.872	ug/l	92
14) Allyl chloride	4.30	41	2249m	0.497	ug/l	
15) Acrylonitrile	4.96	53	3770	2.781	ug/l #	56
16) Acetone	3.79	43	7739	4.264	ug/l	99
17) Carbon Disulfide	4.03	76	5232	0.692	ug/l #	91
18) Methyl Acetate	4.31	43	2933	0.771	ug/l #	80
19) Methyl tert-butyl Ether	5.00	73	6100	0.784	ug/l	98
20) Methylene Chloride	4.52	84	3119	1.190	ug/l #	76
21) trans-1,2-Dichloroethene	5.02	96	1966m	0.800	ug/l	
22) Diisopropyl ether	5.91	45	5590	0.670	ug/l #	79
23) Vinyl Acetate	5.86	43	22315	3.410	ug/l	98
24) 1,1-Dichloroethane	5.82	63	3553	0.752	ug/l #	85
25) 2-Butanone	6.81	43	7539	3.474	ug/l	95
26) 2,2-Dichloropropane	6.79	77	3657	0.852	ug/l	90
27) cis-1,2-Dichloroethene	6.80	96	2327	0.855	ug/l	78
28) Bromochloromethane	7.17	49	1500	0.926	ug/l #	64
29) Tetrahydrofuran	7.18	42	4144	3.134	ug/l	99
30) Chloroform	7.35	83	3560	0.766	ug/l	98
32) 1,1,1-Trichloroethane	7.54	97	3218	0.768	ug/l #	46
36) 1,1-Dichloropropene	7.77	75	2807	0.855	ug/l	97
37) Ethyl Acetate	6.91	43	3100	0.812	ug/l #	70
38) Carbon Tetrachloride	7.75	117	2981	0.875	ug/l	98
39) Methylcyclohexane	9.06	83	3453	0.927	ug/l	98
40) Benzene	8.02	78	8563	0.892	ug/l	92
41) Methacrylonitrile	7.16	41	1270m	0.806	ug/l	
42) 1,2-Dichloroethane	8.10	62	2774	0.755	ug/l #	78
43) Isopropyl Acetate	8.15	43	4842	0.816	ug/l #	89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	8.82	130	2016	0.802	ug/l	97
45) 1,2-Dichloropropane	9.10	63	1942	0.749	ug/l #	87
46) Dibromomethane	9.19	93	1333	0.785	ug/l #	83
47) Bromodichloromethane	9.39	83	2887	0.853	ug/l #	95
48) Methyl methacrylate	9.19	41	2003	0.744	ug/l #	82
49) 1,4-Dioxane	9.19	88	657	17.025	ug/l #	63
51) 4-Methyl-2-Pentanone	9.97	43	12846	3.630	ug/l	99
52) Toluene	10.14	92	4992	0.846	ug/l	92
53) t-1,3-Dichloropropene	10.37	75	2923	0.746	ug/l	96
54) cis-1,3-Dichloropropene	9.82	75	3039	0.738	ug/l	87
55) 1,1,2-Trichloroethane	10.55	97	2103	0.909	ug/l #	85
56) Ethyl methacrylate	10.42	69	2831	0.824	ug/l #	70
57) 1,3-Dichloropropane	10.70	76	2960	0.735	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.68	63	3942	3.607	ug/l	98
59) 2-Hexanone	10.74	43	8570	3.073	ug/l	99
60) Dibromochloromethane	10.89	129	2135	0.845	ug/l	94
61) 1,2-Dibromoethane	10.99	107	2011	0.819	ug/l	99
64) Tetrachloroethene	10.62	164	2185	0.846	ug/l	96
65) Chlorobenzene	11.43	112	5238	0.874	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	2031	0.892	ug/l #	55
67) Ethyl Benzene	11.50	91	9911	0.916	ug/l	100
68) m/p-Xylenes	11.62	106	7104	1.779	ug/l	95
69) o-Xylene	11.94	106	3712	0.977	ug/l	93
70) Styrene	11.96	104	5519	0.904	ug/l	97
71) Bromoform	12.12	173	1419	0.829	ug/l #	98
73) Isopropylbenzene	12.24	105	9402	0.968	ug/l	99
74) N-amyl acetate	12.07	43	3492	0.784	ug/l #	96
75) 1,1,2,2-Tetrachloroethane	12.50	83	2647	0.859	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	2214m	0.723	ug/l	
77) Bromobenzene	12.52	156	2347	0.983	ug/l	87
78) n-propylbenzene	12.59	91	10228	0.891	ug/l	97
79) 2-Chlorotoluene	12.67	91	6328	0.911	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	7871	0.958	ug/l	99
82) 4-Chlorotoluene	12.77	91	5933	0.835	ug/l	93
83) tert-Butylbenzene	12.99	119	6901	0.991	ug/l	96
84) 1,2,4-Trimethylbenzene	13.03	105	7544	0.923	ug/l	95
85) sec-Butylbenzene	13.17	105	8816	0.952	ug/l	100
86) p-Isopropyltoluene	13.29	119	8261	0.985	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	3990	0.908	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	3864m	0.872	ug/l	
89) n-Butylbenzene	13.61	91	6547	0.833	ug/l	97
90) Hexachloroethane	13.87	117	1509	0.952	ug/l	95
91) 1,2-Dichlorobenzene	13.65	146	3979	0.919	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.27	75	896m	0.988	ug/l	
93) 1,2,4-Trichlorobenzene	14.91	180	1914	0.684	ug/l	95
94) Hexachlorobutadiene	15.01	225	1303	0.870	ug/l	90
95) Naphthalene	15.13	128	5419	0.649	ug/l	98
96) 1,2,3-Trichlorobenzene	15.31	180	1994	0.705	ug/l	92

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

