

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101420\
 Data File : VN064112.D
 Acq On : 14 Oct 2020 13:17
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 10/15/2020 12:17:19 PM

Quant Time: Oct 15 01:02:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 14 15:55:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	268926	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	468929	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	427630	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	144347	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	2297	0.814	ug/l	99
3) Chloromethane	2.04	50	3238	0.973	ug/l #	71
4) Vinyl Chloride	2.16	62	4492	1.302	ug/l #	78
6) Chloroethane	2.67	64	3603	1.663	ug/l	89
7) Trichlorofluoromethane	2.98	101	5500	1.033	ug/l	90
8) Diethyl Ether	3.37	74	1816m	1.024	ug/l	
9) 1,1,2-Trichlorotrifluoroet	3.73	101	2622	0.931	ug/l #	33
12) 1,1-Dichloroethene	3.69	96	2692	0.991	ug/l #	73
14) Allyl chloride	4.27	41	4921m	1.005	ug/l	
15) Acrylonitrile	4.94	53	6172m	4.495	ug/l	
16) Acetone	3.78	43	7040m	5.305	ug/l	
17) Carbon Disulfide	4.01	76	7134	0.896	ug/l #	85
18) Methyl Acetate	4.29	43	3609m	1.049	ug/l	
19) Methyl tert-butyl Ether	5.00	73	7275m	0.759	ug/l	
20) Methylene Chloride	4.50	84	4380m	1.285	ug/l	
21) trans-1,2-Dichloroethene	4.98	96	2991m	0.977	ug/l	
22) Diisopropyl ether	5.90	45	6985m	0.695	ug/l	
23) Vinyl Acetate	5.85	43	29311m	3.487	ug/l	
24) 1,1-Dichloroethane	5.78	63	5741	0.976	ug/l #	85
25) 2-Butanone	6.79	43	8864m	4.666	ug/l	
26) 2,2-Dichloropropane	6.77	77	5372	1.014	ug/l #	58
27) cis-1,2-Dichloroethene	6.78	96	3691m	1.050	ug/l	
28) Bromochloromethane	7.15	49	3040m	1.063	ug/l	
29) Tetrahydrofuran	7.18	42	5015	3.992	ug/l #	81
30) Chloroform	7.32	83	5930	0.961	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	4662	0.844	ug/l #	49
36) 1,1-Dichloropropene	7.75	75	4510	0.951	ug/l #	69
37) Ethyl Acetate	6.90	43	4294m	0.924	ug/l	
38) Carbon Tetrachloride	7.73	117	4433	0.839	ug/l	94
39) Methylcyclohexane	9.05	83	3137	0.680	ug/l	93
40) Benzene	8.00	78	12869	0.941	ug/l #	86
41) Methacrylonitrile	7.12	41	1529m	0.759	ug/l	
42) 1,2-Dichloroethane	8.08	62	4488	0.789	ug/l	97
43) Isopropyl Acetate	8.13	43	6212	0.820	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	8.81	130	3077	0.856	ug/l	61
45) 1,2-Dichloropropane	9.09	63	3274	0.895	ug/l #	83
46) Dibromomethane	9.17	93	2664	1.049	ug/l #	81
47) Bromodichloromethane	9.37	83	4476	0.862	ug/l	99
48) Methyl methacrylate	9.17	41	2627	0.701	ug/l #	78
49) 1,4-Dioxane	9.17	88	960	18.018	ug/l #	65
51) 4-Methyl-2-Pentanone	9.95	43	17060	3.826	ug/l	95
52) Toluene	10.12	92	6635	0.784	ug/l	95
53) t-1,3-Dichloropropene	10.35	75	4024	0.727	ug/l	91
54) cis-1,3-Dichloropropene	9.81	75	4956	0.854	ug/l	96
55) 1,1,2-Trichloroethane	10.53	97	3069	0.906	ug/l	92
56) Ethyl methacrylate	10.40	69	2952	0.622	ug/l #	80
57) 1,3-Dichloropropane	10.68	76	5177	0.908	ug/l	91
58) 2-Chloroethyl Vinyl ether	9.66	63	7643	3.029	ug/l	97
59) 2-Hexanone	10.73	43	9544	2.890	ug/l	92
60) Dibromochloromethane	10.87	129	3246	0.821	ug/l	98
61) 1,2-Dibromoethane	10.98	107	2821	0.811	ug/l	89
64) Tetrachloroethene	10.60	164	2831	0.846	ug/l #	84
65) Chlorobenzene	11.41	112	8244	0.929	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.48	131	2982	0.880	ug/l #	61
67) Ethyl Benzene	11.48	91	11962	0.751	ug/l	97
68) m/p-Xylenes	11.60	106	7411	1.240	ug/l	87
69) o-Xylene	11.93	106	3699	0.662	ug/l	97
70) Styrene	11.94	104	5785	0.611	ug/l #	86
71) Bromoform	12.10	173	1877	0.726	ug/l #	95
73) Isopropylbenzene	12.23	105	9623	0.913	ug/l	99
74) N-amyl acetate	12.05	43	3638m	0.855	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.48	83	4105	1.263	ug/l	89
76) 1,2,3-Trichloropropane	12.53	75	4147m	1.302	ug/l	
77) Bromobenzene	12.50	156	2623	0.998	ug/l	80
78) n-propylbenzene	12.57	91	10392	0.848	ug/l	92
79) 2-Chlorotoluene	12.65	91	7202	0.953	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	6821	0.771	ug/l	92
82) 4-Chlorotoluene	12.75	91	6497	0.832	ug/l	89
83) tert-Butylbenzene	12.97	119	5635	0.779	ug/l	87
84) 1,2,4-Trimethylbenzene	13.02	105	5801	0.660	ug/l	97
85) sec-Butylbenzene	13.14	105	7238	0.764	ug/l	96
86) p-Isopropyltoluene	13.26	119	5274	0.630	ug/l	91
87) 1,3-Dichlorobenzene	13.26	146	3968	0.841	ug/l	91
88) 1,4-Dichlorobenzene	13.34	146	4474m	0.910	ug/l	
89) n-Butylbenzene	13.59	91	4735m	0.621	ug/l	
90) Hexachloroethane	13.84	117	1526	0.958	ug/l	90
91) 1,2-Dichlorobenzene	13.63	146	4138	0.881	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	810	1.092	ug/l	63
93) 1,2,4-Trichlorobenzene	14.90	180	965	0.385	ug/l #	45
94) Hexachlorobutadiene	14.98	225	1086	0.748	ug/l	94
95) Naphthalene	15.10	128	2756	0.361	ug/l #	83
96) 1,2,3-Trichlorobenzene	15.29	180	909	0.360	ug/l #	87

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

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