

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091620\
 Data File : VN063357.D
 Acq On : 16 Sep 2020 10:34
 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
 9/17/2020 1:07:46 PM

Quant Time: Sep 16 12:26:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 12:15:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	283880	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	495122	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	425967	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	187035	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	3075	1.092	ug/l	96
3) Chloromethane	2.03	50	5014	1.213	ug/l	99
4) Vinyl Chloride	2.16	62	3417	0.889	ug/l	95
6) Chloroethane	2.67	64	2613	1.056	ug/l	92
7) Trichlorofluoromethane	2.98	101	5271	0.890	ug/l	99
8) Diethyl Ether	3.37	74	2155	0.999	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	3.73	101	3008m	0.962	ug/l	
12) 1,1-Dichloroethene	3.69	96	3313	1.056	ug/l	83
14) Allyl chloride	4.27	41	5486	0.854	ug/l #	78
15) Acrylonitrile	4.94	53	7837m	4.818	ug/l	
16) Acetone	3.79	43	9277	6.012	ug/l	97
17) Carbon Disulfide	4.01	76	9267	0.956	ug/l #	93
18) Methyl Acetate	4.28	43	3399	0.873	ug/l #	89
19) Methyl tert-butyl Ether	5.00	73	12376m	1.103	ug/l	
20) Methylene Chloride	4.50	84	4550	1.152	ug/l	84
21) trans-1,2-Dichloroethene	4.99	96	3668	1.047	ug/l #	61
22) Diisopropyl ether	5.90	45	12669	1.008	ug/l	92
23) Vinyl Acetate	5.85	43	45731	4.599	ug/l	97
24) 1,1-Dichloroethane	5.80	63	6657	0.970	ug/l #	90
25) 2-Butanone	6.79	43	11684	5.105	ug/l	94
26) 2,2-Dichloropropane	6.78	77	6336	1.056	ug/l #	70
27) cis-1,2-Dichloroethene	6.78	96	3991	0.978	ug/l	88
28) Bromochloromethane	7.15	49	2650m	0.804	ug/l	
29) Tetrahydrofuran	7.17	42	7847	5.263	ug/l #	73
30) Chloroform	7.32	83	7022	1.026	ug/l	99
32) 1,1,1-Trichloroethane	7.52	97	6111	1.020	ug/l #	54
36) 1,1-Dichloropropene	7.75	75	5078	0.989	ug/l	94
37) Ethyl Acetate	6.88	43	4480	0.884	ug/l #	81
38) Carbon Tetrachloride	7.73	117	4870	0.958	ug/l	99
39) Methylcyclohexane	9.04	83	5584	0.998	ug/l	86
40) Benzene	8.00	78	14598	0.997	ug/l	92
41) Methacrylonitrile	7.14	41	2496m	1.082	ug/l	
42) 1,2-Dichloroethane	8.09	62	5562	0.991	ug/l	91
43) Isopropyl Acetate	8.13	43	9497	1.104	ug/l #	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	8.80	130	3737	0.991	ug/l	100
45) 1,2-Dichloropropane	9.09	63	3913	0.973	ug/l	90
46) Dibromomethane	9.18	93	2368	0.904	ug/l	94
47) Bromodichloromethane	9.37	83	4896	0.900	ug/l #	97
48) Methyl methacrylate	9.17	41	4691	1.135	ug/l #	76
49) 1,4-Dioxane	9.18	88	1357	21.317	ug/l #	64
51) 4-Methyl-2-Pentanone	9.96	43	23150	4.891	ug/l	97
52) Toluene	10.12	92	7807	0.871	ug/l	90
53) t-1,3-Dichloropropene	10.35	75	5662	0.953	ug/l	96
54) cis-1,3-Dichloropropene	9.81	75	5829	0.912	ug/l	95
55) 1,1,2-Trichloroethane	10.54	97	3405	0.970	ug/l	92
56) Ethyl methacrylate	10.40	69	4899	0.919	ug/l	95
57) 1,3-Dichloropropane	10.68	76	6120	0.997	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.66	63	14114	4.922	ug/l	98
59) 2-Hexanone	10.73	43	16709	4.790	ug/l	99
60) Dibromochloromethane	10.87	129	3545	0.919	ug/l	98
61) 1,2-Dibromoethane	10.98	107	3413	0.932	ug/l	100
64) Tetrachloroethene	10.60	164	2925	0.862	ug/l	97
65) Chlorobenzene	11.41	112	8844	0.962	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	2950	0.879	ug/l #	58
67) Ethyl Benzene	11.49	91	16348	0.988	ug/l	94
68) m/p-Xylenes	11.59	106	11573	1.888	ug/l	98
69) o-Xylene	11.92	106	5364	0.914	ug/l	96
70) Styrene	11.94	104	8336	0.852	ug/l	97
71) Bromoform	12.11	173	2076	0.883	ug/l #	96
73) Isopropylbenzene	12.22	105	13809	0.915	ug/l	96
74) N-amyl acetate	12.05	43	6298	1.006	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.48	83	4566	1.045	ug/l	96
76) 1,2,3-Trichloropropane	12.53	75	5293m	1.258	ug/l	
77) Bromobenzene	12.50	156	3176	0.917	ug/l	78
78) n-propylbenzene	12.57	91	16312	0.953	ug/l	95
79) 2-Chlorotoluene	12.65	91	10328	0.982	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	10701	0.854	ug/l	91
82) 4-Chlorotoluene	12.75	91	10654	0.964	ug/l	96
83) tert-Butylbenzene	12.97	119	9669	0.912	ug/l	95
84) 1,2,4-Trimethylbenzene	13.02	105	11024	0.872	ug/l	90
85) sec-Butylbenzene	13.15	105	12565	0.930	ug/l	100
86) p-Isopropyltoluene	13.26	119	10885	0.881	ug/l	97
87) 1,3-Dichlorobenzene	13.26	146	5894	0.930	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	6109m	0.926	ug/l	
89) n-Butylbenzene	13.59	91	10002	0.895	ug/l	92
90) Hexachloroethane	13.85	117	2165	1.051	ug/l	76
91) 1,2-Dichlorobenzene	13.63	146	5501	0.877	ug/l	94
92) 1,2-Dibromo-3-Chloropropan	14.25	75	1034	1.034	ug/l	96
93) 1,2,4-Trichlorobenzene	14.89	180	3181	0.861	ug/l	98
94) Hexachlorobutadiene	14.98	225	1316	0.832	ug/l	92
95) Naphthalene	15.11	128	10414	0.864	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	3216	0.889	ug/l	90

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

