

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081820\
 Data File : VN062993.D
 Acq On : 18 Aug 2020 18:41
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 8/19/2020 5:46:06 PM

Quant Time: Aug 19 05:54:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 05:46:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	178805	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	283537	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	260045	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	96877	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	1781	0.841	ug/l	93
3) Chloromethane	2.04	50	2444	0.997	ug/l	97
4) Vinyl Chloride	2.16	62	2159	0.911	ug/l	92
6) Chloroethane	2.67	64	1353	0.967	ug/l #	83
7) Trichlorofluoromethane	2.98	101	3230	1.092	ug/l	97
8) Diethyl Ether	3.38	74	1213	1.160	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.72	101	1863	1.169	ug/l	94
12) 1,1-Dichloroethene	3.69	96	1891	1.246	ug/l	92
14) Allyl chloride	4.27	41	3066	1.146	ug/l	93
15) Acrylonitrile	4.95	53	4285	4.857	ug/l #	85
16) Acetone	3.78	43	4917	6.814	ug/l	95
17) Carbon Disulfide	4.00	76	4523	1.138	ug/l #	95
18) Methyl Acetate	4.29	43	2677	1.271	ug/l #	66
19) Methyl tert-butyl Ether	4.99	73	5404	1.021	ug/l	96
20) Methylene Chloride	4.50	84	4476	1.881	ug/l	90
21) trans-1,2-Dichloroethene	4.99	96	1694	1.067	ug/l	86
22) Diisopropyl ether	5.90	45	5926	0.976	ug/l #	82
23) Vinyl Acetate	5.85	43	21481	5.242	ug/l	96
24) 1,1-Dichloroethane	5.80	63	3938	1.160	ug/l #	85
25) 2-Butanone	6.80	43	6003	5.336	ug/l	99
26) 2,2-Dichloropropane	6.78	77	3142	1.177	ug/l	85
27) cis-1,2-Dichloroethene	6.78	96	2146m	1.078	ug/l	
28) Bromochloromethane	7.15	49	1951	1.099	ug/l #	98
29) Tetrahydrofuran	7.18	42	3410	4.696	ug/l #	76
30) Chloroform	7.33	83	3690	1.080	ug/l	94
32) 1,1,1-Trichloroethane	7.53	97	3027	1.085	ug/l #	50
36) 1,1-Dichloropropene	7.75	75	2723	1.090	ug/l #	72
37) Ethyl Acetate	6.90	43	2454m	1.046	ug/l	
38) Carbon Tetrachloride	7.73	117	2663	1.056	ug/l	94
39) Methylcyclohexane	9.05	83	2448	0.829	ug/l #	87
40) Benzene	8.00	78	8223	1.038	ug/l	99
41) Methacrylonitrile	7.14	41	995m	0.892	ug/l	
42) 1,2-Dichloroethane	8.09	62	2726	1.024	ug/l	85
43) Isopropyl Acetate	8.13	43	3710	0.956	ug/l #	88

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	8.81	130	2194	1.113	ug/l	94
45) 1,2-Dichloropropane	9.09	63	2515	1.098	ug/l #	83
46) Dibromomethane	9.18	93	1221	0.923	ug/l	91
47) Bromodichloromethane	9.37	83	2997	1.034	ug/l #	88
48) Methyl methacrylate	9.17	41	1578	0.860	ug/l	89
49) 1,4-Dioxane	9.17	88	514	14.368	ug/l #	81
51) 4-Methyl-2-Pentanone	9.96	43	11370	4.638	ug/l	95
52) Toluene	10.13	92	4474	0.936	ug/l	95
53) t-1,3-Dichloropropene	10.36	75	2851	0.951	ug/l	90
54) cis-1,3-Dichloropropene	9.81	75	3161	0.961	ug/l	97
55) 1,1,2-Trichloroethane	10.54	97	2151	1.052	ug/l	96
56) Ethyl methacrylate	10.40	69	2206	0.799	ug/l	96
57) 1,3-Dichloropropane	10.68	76	3530	1.040	ug/l	91
58) 2-Chloroethyl Vinyl ether	9.66	63	2672	4.039	ug/l	97
59) 2-Hexanone	10.73	43	7534	4.405	ug/l	86
60) Dibromochloromethane	10.88	129	2284	1.010	ug/l	99
61) 1,2-Dibromoethane	10.98	107	1808	0.921	ug/l #	77
64) Tetrachloroethene	10.60	164	1909	1.117	ug/l	95
65) Chlorobenzene	11.41	112	5792	1.109	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	2342	1.153	ug/l #	61
67) Ethyl Benzene	11.49	91	8138	0.922	ug/l	95
68) m/p-Xylenes	11.60	106	5653	1.724	ug/l	99
69) o-Xylene	11.92	106	2699	0.857	ug/l	96
70) Styrene	11.94	104	4085	0.756	ug/l	97
71) Bromoform	12.10	173	1588	0.982	ug/l #	87
73) Isopropylbenzene	12.23	105	7050	1.063	ug/l	98
74) N-amyl acetate	12.05	43	2044	0.860	ug/l #	78
75) 1,1,2,2-Tetrachloroethane	12.48	83	3176	1.342	ug/l #	94
76) 1,2,3-Trichloropropane	12.53	75	1997m	1.047	ug/l	
77) Bromobenzene	12.50	156	2111	1.157	ug/l	88
78) n-propylbenzene	12.57	91	6802	0.900	ug/l	99
79) 2-Chlorotoluene	12.65	91	5276	1.109	ug/l	91
80) 1,3,5-Trimethylbenzene	12.71	105	4974	0.907	ug/l	99
82) 4-Chlorotoluene	12.75	91	4908	1.013	ug/l	97
83) tert-Butylbenzene	12.97	119	4603	0.972	ug/l	94
84) 1,2,4-Trimethylbenzene	13.02	105	4493	0.841	ug/l	98
85) sec-Butylbenzene	13.15	105	5777	0.903	ug/l	94
86) p-Isopropyltoluene	13.26	119	4850	0.870	ug/l	96
87) 1,3-Dichlorobenzene	13.26	146	3354	1.070	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	3615m	1.136	ug/l	
89) n-Butylbenzene	13.59	91	4384	0.932	ug/l	91
90) Hexachloroethane	13.85	117	1407	1.188	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	3195	1.055	ug/l	94
92) 1,2-Dibromo-3-Chloropropan	14.25	75	252	0.754	ug/l	93
93) 1,2,4-Trichlorobenzene	14.88	180	846	0.639	ug/l #	86
94) Hexachlorobutadiene	14.98	225	1397	1.248	ug/l	94
95) Naphthalene	15.11	128	1915	0.649	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.30	180	912	0.686	ug/l	72

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

