

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111820\
 Data File : VN064700.D
 Acq On : 18 Nov 2020 11:39
 Operator : JC/MD
 Sample : VSTDICC001
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Manual Integrations
 APPROVED

MMDadoda
 11/19/2020 2:09:56 PM

Quant Time: Nov 18 13:56:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 18 13:40:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	187987	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	356095	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	315643	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	121526	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	1994	0.833	ug/l	96
3) Chloromethane	2.04	50	2390	0.830	ug/l	95
4) Vinyl Chloride	2.17	62	2829	0.954	ug/l	99
6) Chloroethane	2.68	64	1713	0.891	ug/l	98
7) Trichlorofluoromethane	2.99	101	4564	1.013	ug/l	93
8) Diethyl Ether	3.37	74	1747	1.113	ug/l	50
9) 1,1,2-Trichlorotrifluoroet	3.71	101	1591m	0.753	ug/l	
12) 1,1-Dichloroethene	3.69	96	1886	0.948	ug/l #	78
14) Allyl chloride	4.27	41	3112	0.815	ug/l #	53
15) Acrylonitrile	4.93	53	4065	4.162	ug/l #	84
16) Acetone	3.78	43	3707	3.213	ug/l	91
17) Carbon Disulfide	4.01	76	7730	1.307	ug/l #	91
18) Methyl Acetate	4.29	43	4137m	1.708	ug/l	
19) Methyl tert-butyl Ether	4.99	73	5483m	0.770	ug/l	
20) Methylene Chloride	4.50	84	2709	1.105	ug/l	93
21) trans-1,2-Dichloroethene	4.98	96	2143	0.952	ug/l #	64
22) Diisopropyl ether	5.89	45	4831m	0.597	ug/l	
23) Vinyl Acetate	5.85	43	21266m	3.242	ug/l	
24) 1,1-Dichloroethane	5.80	63	3622	0.806	ug/l #	84
25) 2-Butanone	6.78	43	5488m	3.632	ug/l	
26) 2,2-Dichloropropane	6.76	77	3713m	0.903	ug/l	
27) cis-1,2-Dichloroethene	6.79	96	2093m	0.806	ug/l	
28) Bromochloromethane	7.15	49	1484m	0.653	ug/l	
29) Tetrahydrofuran	7.17	42	3528	3.723	ug/l #	68
30) Chloroform	7.33	83	3689	0.777	ug/l	97
32) 1,1,1-Trichloroethane	7.51	97	3108m	0.735	ug/l	
36) 1,1-Dichloropropene	7.75	75	2479	0.671	ug/l #	78
37) Ethyl Acetate	6.88	43	2416m	0.743	ug/l	
38) Carbon Tetrachloride	7.74	117	3140m	0.789	ug/l	
39) Methylcyclohexane	9.04	83	1926m	0.584	ug/l	
40) Benzene	8.00	78	7656	0.706	ug/l	97
41) Methacrylonitrile	7.11	41	1245m	0.757	ug/l	
42) 1,2-Dichloroethane	8.08	62	2904	0.659	ug/l	87
43) Isopropyl Acetate	8.13	43	2899	0.486	ug/l #	77

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	8.80	130	2465	0.891	ug/l	98
45) 1,2-Dichloropropane	9.08	63	2126	0.737	ug/l #	78
46) Dibromomethane	9.18	93	1554	0.805	ug/l	96
47) Bromodichloromethane	9.37	83	3036	0.736	ug/l #	94
48) Methyl methacrylate	9.16	41	2374	0.790	ug/l #	66
49) 1,4-Dioxane	9.16	88	677	17.349	ug/l #	83
51) 4-Methyl-2-Pentanone	9.95	43	9938	2.871	ug/l	94
52) Toluene	10.12	92	3922	0.592	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	3186	0.732	ug/l #	77
54) cis-1,3-Dichloropropene	9.81	75	3070	0.663	ug/l	94
55) 1,1,2-Trichloroethane	10.53	97	1551	0.598	ug/l #	78
56) Ethyl methacrylate	10.40	69	1770	0.473	ug/l #	81
57) 1,3-Dichloropropane	10.68	76	3179	0.704	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	9691	5.138	ug/l	95
59) 2-Hexanone	10.72	43	6994	2.796	ug/l	93
60) Dibromochloromethane	10.87	129	1720	0.592	ug/l	87
61) 1,2-Dibromoethane	10.97	107	1722	0.653	ug/l #	54
64) Tetrachloroethene	10.60	164	2127	0.861	ug/l #	79
65) Chlorobenzene	11.40	112	5021	0.735	ug/l #	70
66) 1,1,1,2-Tetrachloroethane	11.47	131	1497	0.589	ug/l #	56
67) Ethyl Benzene	11.48	91	7964	0.660	ug/l	93
68) m/p-Xylenes	11.59	106	5310	1.209	ug/l	98
69) o-Xylene	11.92	106	2930	0.691	ug/l	71
70) Styrene	11.94	104	4823	0.675	ug/l	97
71) Bromoform	12.10	173	975	0.570	ug/l #	67
73) Isopropylbenzene	12.22	105	6001	0.638	ug/l	97
74) N-amyl acetate	12.05	43	2653	0.646	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	2233	0.779	ug/l	92
76) 1,2,3-Trichloropropane	12.53	75	2490m	0.867	ug/l	
77) Bromobenzene	12.50	156	2093	0.905	ug/l	85
78) n-propylbenzene	12.56	91	7671	0.714	ug/l	99
79) 2-Chlorotoluene	12.65	91	5304	0.775	ug/l	89
80) 1,3,5-Trimethylbenzene	12.70	105	4638	0.595	ug/l	96
82) 4-Chlorotoluene	12.74	91	5174	0.722	ug/l	95
83) tert-Butylbenzene	12.96	119	4444	0.729	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	5018	0.642	ug/l	93
85) sec-Butylbenzene	13.15	105	6169	0.798	ug/l	95
86) p-Isopropyltoluene	13.26	119	5178	0.743	ug/l	94
87) 1,3-Dichlorobenzene	13.26	146	3314	0.826	ug/l	90
88) 1,4-Dichlorobenzene	13.34	146	4130m	0.996	ug/l	
89) n-Butylbenzene	13.59	91	6965	1.154	ug/l	97
90) Hexachloroethane	13.84	117	946	0.719	ug/l	75
91) 1,2-Dichlorobenzene	13.62	146	3650	0.949	ug/l	93
92) 1,2-Dibromo-3-Chloropropan	14.24	75	750	1.283	ug/l #	61
93) 1,2,4-Trichlorobenzene	14.88	180	3035	1.883	ug/l	91
94) Hexachlorobutadiene	14.98	225	2784	3.499	ug/l	98
95) Naphthalene	15.10	128	9477	1.784	ug/l	97
96) 1,2,3-Trichlorobenzene	15.28	180	3218	2.000	ug/l	89

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

