

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN093020\
 Data File : VN063740.D
 Acq On : 30 Sep 2020 10:48
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 10/1/2020 2:39:52 PM

Quant Time: Sep 30 11:46:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 30 11:35:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	280354	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	466566	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	436322	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	204779	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	96980	20.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.86%	
35) Dibromofluoromethane	7.55	113	66630	20.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	41.12%	
50) Toluene-d8	10.06	98	253365	20.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	41.82%	
62) 4-Bromofluorobenzene	12.38	95	90459	20.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.46%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	55891	17.975	ug/l 100
3) Chloromethane	2.04	50	65283	16.100	ug/l 98
4) Vinyl Chloride	2.16	62	63085	17.384	ug/l 99
5) Bromomethane	2.53	94	42480	19.470	ug/l 95
6) Chloroethane	2.68	64	38774	17.217	ug/l 95
7) Trichlorofluoromethane	2.99	101	107803	19.616	ug/l 97
8) Diethyl Ether	3.38	74	35395	16.861	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	55917	18.229	ug/l 99
10) Methyl Iodide	3.91	142	63692	16.194	ug/l 99
11) Tert butyl alcohol	4.73	59	48253	76.431	ug/l 95
12) 1,1-Dichloroethene	3.70	96	51637	16.797	ug/l 92
13) Acrolein	3.57	56	29340	113.740	ug/l 98
14) Allyl chloride	4.28	41	100939	16.728	ug/l 99
15) Acrylonitrile	4.93	53	141263	86.245	ug/l 99
16) Acetone	3.78	43	133594	88.082	ug/l 98
17) Carbon Disulfide	4.01	76	144708	16.300	ug/l 100
18) Methyl Acetate	4.28	43	70052	18.300	ug/l 100
19) Methyl tert-butyl Ether	4.99	73	196403	17.049	ug/l 100
20) Methylene Chloride	4.51	84	65228	17.152	ug/l 97
21) trans-1,2-Dichloroethene	4.99	96	58011	16.985	ug/l 96
22) Diisopropyl ether	5.90	45	212714	17.101	ug/l 92
23) Vinyl Acetate	5.84	43	869650	85.358	ug/l 99
24) 1,1-Dichloroethane	5.80	63	117342	17.274	ug/l 99
25) 2-Butanone	6.78	43	199607	86.654	ug/l 98
26) 2,2-Dichloropropane	6.78	77	107744	17.861	ug/l 79
27) cis-1,2-Dichloroethene	6.78	96	69438	17.954	ug/l 99
28) Bromochloromethane	7.15	49	62415	19.479	ug/l 98
29) Tetrahydrofuran	7.16	42	132971	84.574	ug/l 100
30) Chloroform	7.33	83	125303	18.259	ug/l 94
31) Cyclohexane	7.61	56	103129	16.297	ug/l 96
32) 1,1,1-Trichloroethane	7.53	97	111827	18.200	ug/l 99
36) 1,1-Dichloropropene	7.75	75	86815	17.731	ug/l 99
37) Ethyl Acetate	6.88	43	83599	17.468	ug/l 98
38) Carbon Tetrachloride	7.73	117	98191	19.451	ug/l 94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	88505	16.800	ug/l	97
40) Benzene	8.00	78	258351	18.484	ug/l	99
41) Methacrylonitrile	7.13	41	37500	17.109	ug/l #	68
42) 1,2-Dichloroethane	8.08	62	107926	19.021	ug/l	100
43) Isopropyl Acetate	8.13	43	148014	17.256	ug/l	98
44) Trichloroethene	8.80	130	66240	19.308	ug/l	96
45) 1,2-Dichloropropane	9.08	63	69969	18.408	ug/l	94
46) Dibromomethane	9.17	93	48922	19.475	ug/l	97
47) Bromodichloromethane	9.37	83	98973	18.872	ug/l	99
48) Methyl methacrylate	9.17	41	74917	17.844	ug/l	97
49) 1,4-Dioxane	9.16	88	19444	324.161	ug/l	95
51) 4-Methyl-2-Pentanone	9.95	43	442504	91.413	ug/l	99
52) Toluene	10.13	92	161255	19.104	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	106392	18.275	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	112172	18.329	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	63632	18.881	ug/l	99
56) Ethyl methacrylate	10.40	69	91309	17.540	ug/l	97
57) 1,3-Dichloropropane	10.68	76	110486	18.287	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	260866	94.657	ug/l	99
59) 2-Hexanone	10.72	43	324823	92.578	ug/l	99
60) Dibromochloromethane	10.87	129	72984	19.144	ug/l	99
61) 1,2-Dibromoethane	10.98	107	65409	18.702	ug/l	97
64) Tetrachloroethene	10.60	164	63005	21.042	ug/l	98
65) Chlorobenzene	11.41	112	168972	18.497	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	64905	19.220	ug/l	97
67) Ethyl Benzene	11.48	91	307986	17.901	ug/l	99
68) m/p-Xylenes	11.59	106	229524	36.903	ug/l	100
69) o-Xylene	11.92	106	108874	18.432	ug/l	100
70) Styrene	11.94	104	186649	18.838	ug/l	99
71) Bromoform	12.10	173	47767	18.929	ug/l #	96
73) Isopropylbenzene	12.22	105	293488	18.178	ug/l	99
74) N-amyl acetate	12.04	43	127027	16.811	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	90503	18.106	ug/l	97
76) 1,2,3-Trichloropropane	12.53	75	84573m	16.970	ug/l	
77) Bromobenzene	12.50	156	71093	19.376	ug/l	96
78) n-propylbenzene	12.57	91	339464	18.089	ug/l	99
79) 2-Chlorotoluene	12.65	91	209112	18.541	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	249859	18.606	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	30334	16.780	ug/l	97
82) 4-Chlorotoluene	12.75	91	216703	18.164	ug/l	100
83) tert-Butylbenzene	12.97	119	201901	18.186	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	248500	18.281	ug/l	98
85) sec-Butylbenzene	13.14	105	265718	17.921	ug/l	99
86) p-Isopropyltoluene	13.26	119	237160	18.122	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	132180	19.486	ug/l	97
88) 1,4-Dichlorobenzene	13.34	146	125708	18.318	ug/l	96
89) n-Butylbenzene	13.59	91	207782	17.301	ug/l	99
90) Hexachloroethane	13.85	117	44274	17.695	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	125703	18.974	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	20936	17.762	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	65988	17.197	ug/l	99
94) Hexachlorobutadiene	14.98	225	34821	21.063	ug/l	98
95) Naphthalene	15.10	128	203412	16.199	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	64671	17.447	ug/l	98

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

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