

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091620\
 Data File : VN063363.D
 Acq On : 16 Sep 2020 13:31
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN091620

Manual Integrations
 APPROVED

MMDadoda
 9/17/2020 1:07:57 PM

Quant Time: Sep 17 04:12:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	286955	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	502997	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	465450	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	221830	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	233737	47.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.70%	
35) Dibromofluoromethane	7.55	113	162099	46.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.10%	
50) Toluene-d8	10.06	98	635946	48.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.14%	
62) 4-Bromofluorobenzene	12.38	95	244505	50.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	163991	50.444	ug/l	100
3) Chloromethane	2.04	50	206394	47.991	ug/l	97
4) Vinyl Chloride	2.16	62	194586	51.069	ug/l	98
5) Bromomethane	2.53	94	117741	52.044	ug/l	99
6) Chloroethane	2.67	64	114177	48.816	ug/l	98
7) Trichlorofluoromethane	2.99	101	287450	50.564	ug/l	99
8) Diethyl Ether	3.37	74	111943	50.513	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	162766	50.911	ug/l	100
10) Methyl Iodide	3.91	142	214686	51.578	ug/l	99
11) Tert butyl alcohol	4.72	59	158796	234.659	ug/l	99
12) 1,1-Dichloroethene	3.70	96	161989	50.024	ug/l	100
13) Acrolein	3.57	56	118619	473.003	ug/l	98
14) Allyl chloride	4.28	41	303754	47.422	ug/l	93
15) Acrylonitrile	4.93	53	424900	246.845	ug/l	99
16) Acetone	3.77	43	355823	226.658	ug/l	99
17) Carbon Disulfide	4.01	76	475128	50.442	ug/l	100
18) Methyl Acetate	4.28	43	194626	48.836	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	590958	48.965	ug/l	100
20) Methylene Chloride	4.51	84	191185	48.067	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	174977	48.771	ug/l	99
22) Diisopropyl ether	5.90	45	652962	49.984	ug/l	99
23) Vinyl Acetate	5.84	43	2788200	259.883	ug/l	100
24) 1,1-Dichloroethane	5.80	63	361181	50.641	ug/l	99
25) 2-Butanone	6.78	43	579991	240.219	ug/l	97
26) 2,2-Dichloropropane	6.78	77	319146	50.824	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	205700	50.654	ug/l	97
28) Bromochloromethane	7.15	49	160463	48.727	ug/l	98
29) Tetrahydrofuran	7.16	42	401877	243.709	ug/l	98
30) Chloroform	7.33	83	359819	50.285	ug/l	99
31) Cyclohexane	7.61	56	318662	47.235	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	318317	50.015	ug/l	99
36) 1,1-Dichloropropene	7.75	75	266920	49.810	ug/l	99
37) Ethyl Acetate	6.88	43	262078	49.831	ug/l	99
38) Carbon Tetrachloride	7.73	117	274878	50.250	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	291791	50.171	ug/l	98
40) Benzene	8.00	78	765865	50.066	ug/l	98
41) Methacrylonitrile	7.13	41	129512m	54.751	ug/l	
42) 1,2-Dichloroethane	8.08	62	312462	50.792	ug/l	99
43) Isopropyl Acetate	8.13	43	462992	49.232	ug/l	99
44) Trichloroethene	8.80	130	187513	50.539	ug/l	100
45) 1,2-Dichloropropane	9.08	63	211606	50.790	ug/l	100
46) Dibromomethane	9.17	93	136714	49.926	ug/l	98
47) Bromodichloromethane	9.37	83	290783	51.115	ug/l	100
48) Methyl methacrylate	9.17	41	224009	48.483	ug/l	97
49) 1,4-Dioxane	9.16	88	62358	940.469	ug/l	93
51) 4-Methyl-2-Pentanone	9.95	43	1314531	249.681	ug/l	99
52) Toluene	10.13	92	477875	51.959	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	331617	52.216	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	344374	51.407	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	185535	50.787	ug/l	98
56) Ethyl methacrylate	10.40	69	295063	51.738	ug/l	99
57) 1,3-Dichloropropane	10.68	76	324827	49.307	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	809014	270.420	ug/l	98
59) 2-Hexanone	10.72	43	966684	253.442	ug/l	100
60) Dibromochloromethane	10.87	129	213693	51.778	ug/l	99
61) 1,2-Dibromoethane	10.98	107	195417	51.488	ug/l	99
64) Tetrachloroethene	10.60	164	154704	48.812	ug/l	99
65) Chlorobenzene	11.41	112	494802	50.080	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	183777	50.743	ug/l	99
67) Ethyl Benzene	11.48	91	942087	50.633	ug/l	100
68) m/p-Xylenes	11.59	106	682504	101.737	ug/l	99
69) o-Xylene	11.92	106	333885	52.247	ug/l	98
70) Styrene	11.94	104	566301	52.842	ug/l	99
71) Bromoform	12.10	173	138034	51.160	ug/l #	98
73) Isopropylbenzene	12.22	105	897868	50.510	ug/l	100
74) N-amyl acetate	12.05	43	425034	50.511	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	270339	49.116	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	252967m	46.073	ug/l	
77) Bromobenzene	12.50	156	201797	50.466	ug/l	99
78) n-propylbenzene	12.57	91	1061194	51.255	ug/l	99
79) 2-Chlorotoluene	12.65	91	630070	50.766	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	760988	51.338	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	96723	48.297	ug/l	95
82) 4-Chlorotoluene	12.75	91	667016	50.865	ug/l	99
83) tert-Butylbenzene	12.97	119	628937	51.409	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	766704	51.207	ug/l	98
85) sec-Butylbenzene	13.14	105	832098	50.812	ug/l	100
86) p-Isopropyltoluene	13.26	119	747344	51.741	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	377358	50.916	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	379476	50.361	ug/l	100
89) n-Butylbenzene	13.59	91	695340	52.228	ug/l	98
90) Hexachloroethane	13.85	117	139027	50.549	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	372626	51.211	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	62834	47.941	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	210315	49.029	ug/l	100
94) Hexachlorobutadiene	14.98	225	87808	49.445	ug/l	99
95) Naphthalene	15.10	128	690589	48.729	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	195354	47.133	ug/l	98

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

