

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091620\
 Data File : VN063360.D
 Acq On : 16 Sep 2020 11:55
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 9/17/2020 1:07:52 PM

Quant Time: Sep 16 12:37:39 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	278270	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	484674	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	439579	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	215816	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	227472	51.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.16%	
35) Dibromofluoromethane	7.55	113	159924	50.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.82%	
50) Toluene-d8	10.06	98	612984	50.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.86%	
62) 4-Bromofluorobenzene	12.38	95	226296	50.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	156483	56.691	ug/l	100
3) Chloromethane	2.03	50	199670	49.296	ug/l	100
4) Vinyl Chloride	2.16	62	186745	49.544	ug/l	100
5) Bromomethane	2.53	94	105619	41.484	ug/l	100
6) Chloroethane	2.67	64	107691	44.406	ug/l	100
7) Trichlorofluoromethane	2.98	101	275651	47.495	ug/l	100
8) Diethyl Ether	3.37	74	110711	52.375	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	154219	50.317	ug/l	100
10) Methyl Iodide	3.91	142	205973	52.145	ug/l	100
11) Tert butyl alcohol	4.73	59	162942	275.855	ug/l	100
12) 1,1-Dichloroethene	3.70	96	156637	50.942	ug/l	100
13) Acrolein	3.57	56	63134	233.025	ug/l	100
14) Allyl chloride	4.28	41	317073	50.335	ug/l	100
15) Acrylonitrile	4.93	53	423071	265.346	ug/l	100
16) Acetone	3.78	43	363922	240.615	ug/l	100
17) Carbon Disulfide	4.01	76	457588	48.142	ug/l	100
18) Methyl Acetate	4.28	43	190474	49.917	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	577276	52.469	ug/l	100
20) Methylene Chloride	4.50	84	182559	47.137	ug/l	100
21) trans-1,2-Dichloroethene	4.99	96	171924	50.056	ug/l	100
22) Diisopropyl ether	5.90	45	621543	50.474	ug/l	100
23) Vinyl Acetate	5.84	43	2681093	275.088	ug/l	100
24) 1,1-Dichloroethane	5.80	63	347079	51.604	ug/l	100
25) 2-Butanone	6.78	43	586558	261.428	ug/l	100
26) 2,2-Dichloropropane	6.78	77	297483	50.600	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	201273	50.293	ug/l	100
28) Bromochloromethane	7.15	49	153736	47.594	ug/l	100
29) Tetrahydrofuran	7.16	42	390537	267.210	ug/l	100
30) Chloroform	7.33	83	344855	51.397	ug/l	100
31) Cyclohexane	7.61	56	309606	50.111	ug/l	100
32) 1,1,1-Trichloroethane	7.53	97	305694	52.074	ug/l	100
36) 1,1-Dichloropropene	7.75	75	257966	51.321	ug/l	100
37) Ethyl Acetate	6.88	43	257298	51.843	ug/l	100
38) Carbon Tetrachloride	7.73	117	266555	53.561	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	279996	51.105	ug/l	100
40) Benzene	8.00	78	735467	51.315	ug/l	100
41) Methacrylonitrile	7.13	41	116150m	51.428	ug/l	
42) 1,2-Dichloroethane	8.08	62	297745	54.210	ug/l	100
43) Isopropyl Acetate	8.13	43	451489	53.638	ug/l	100
44) Trichloroethene	8.80	130	176406	47.779	ug/l	100
45) 1,2-Dichloropropane	9.08	63	203413	51.690	ug/l	100
46) Dibromomethane	9.17	93	133391	52.002	ug/l	100
47) Bromodichloromethane	9.37	83	276123	51.839	ug/l	100
48) Methyl methacrylate	9.16	41	223692	55.305	ug/l	100
49) 1,4-Dioxane	9.17	88	63072	1012.150	ug/l	100
51) 4-Methyl-2-Pentanone	9.95	43	1278742	275.987	ug/l	100
52) Toluene	10.12	92	456389	52.023	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	310365	53.354	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	332866	53.203	ug/l	100
55) 1,1,2-Trichloroethane	10.53	97	178174	51.857	ug/l	100
56) Ethyl methacrylate	10.40	69	279940	53.631	ug/l	100
57) 1,3-Dichloropropane	10.68	76	315890	52.590	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	702774	250.357	ug/l	100
59) 2-Hexanone	10.72	43	934235	273.583	ug/l	100
60) Dibromochloromethane	10.87	129	201742	53.405	ug/l	100
61) 1,2-Dibromoethane	10.98	107	185759	51.807	ug/l	100
64) Tetrachloroethene	10.60	164	147527	42.119	ug/l	100
65) Chlorobenzene	11.41	112	469574	49.503	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	175691	50.745	ug/l	100
67) Ethyl Benzene	11.48	91	890205	52.113	ug/l	100
68) m/p-Xylenes	11.60	106	646615	102.225	ug/l	100
69) o-Xylene	11.92	106	309890	51.182	ug/l	100
70) Styrene	11.94	104	538024	53.279	ug/l	100
71) Bromoform	12.10	173	134502	55.437	ug/l #	100
73) Isopropylbenzene	12.22	105	855140	49.128	ug/l	100
74) N-amyl acetate	12.05	43	407431	56.424	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.48	83	257583	51.089	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	242151m	49.866	ug/l	
77) Bromobenzene	12.50	156	192075	48.055	ug/l	100
78) n-propylbenzene	12.57	91	994121	50.355	ug/l	100
79) 2-Chlorotoluene	12.65	91	588963	48.526	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	727252	50.296	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	93908	52.483	ug/l	100
82) 4-Chlorotoluene	12.75	91	621008	48.674	ug/l	100
83) tert-Butylbenzene	12.97	119	588084	48.091	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	736923	50.533	ug/l	100
85) sec-Butylbenzene	13.14	105	787604	50.513	ug/l	100
86) p-Isopropyltoluene	13.26	119	708176	49.650	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	356198	48.717	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	363225	47.723	ug/l	100
89) n-Butylbenzene	13.59	91	652927	50.631	ug/l	100
90) Hexachloroethane	13.85	117	131959	55.515	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	354992	49.046	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	63744	55.218	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	216160	50.677	ug/l	100
94) Hexachlorobutadiene	14.98	225	87111	47.716	ug/l	100
95) Naphthalene	15.10	128	714907	51.413	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	209273	50.145	ug/l	100

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

