

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092320\
 Data File : VN063608.D
 Acq On : 23 Sep 2020 23:17
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/24/2020 1:38:20 PM

Quant Time: Sep 24 05:14:48 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	237848	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	404487	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	383867	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	184316	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	196020	48.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.82%	
35) Dibromofluoromethane	7.55	113	138778	49.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.12%	
50) Toluene-d8	10.06	98	522226	49.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.20%	
62) 4-Bromofluorobenzene	12.38	95	196731	50.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	126705	47.022	ug/l	99
3) Chloromethane	2.04	50	158165	44.370	ug/l	99
4) Vinyl Chloride	2.16	62	154622	48.958	ug/l	99
5) Bromomethane	2.52	94	99400	53.008	ug/l	99
6) Chloroethane	2.67	64	98365	50.739	ug/l	94
7) Trichlorofluoromethane	2.98	101	244940	51.982	ug/l	99
8) Diethyl Ether	3.38	74	90778	49.419	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	132450	49.982	ug/l	99
10) Methyl Iodide	3.91	142	166307	48.204	ug/l	99
11) Tert butyl alcohol	4.73	59	127648	227.576	ug/l	99
12) 1,1-Dichloroethene	3.70	96	128655	47.933	ug/l	97
13) Acrolein	3.57	56	64384	309.743	ug/l	99
14) Allyl chloride	4.28	41	243735	45.908	ug/l	99
15) Acrylonitrile	4.93	53	358109	250.996	ug/l	99
16) Acetone	3.78	43	322716	248.011	ug/l	98
17) Carbon Disulfide	4.01	76	339693	43.509	ug/l	100
18) Methyl Acetate	4.28	43	174102	52.705	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	484133	48.395	ug/l	99
20) Methylene Chloride	4.51	84	161754	49.064	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	140805	47.349	ug/l	95
22) Diisopropyl ether	5.90	45	529656	48.916	ug/l	99
23) Vinyl Acetate	5.85	43	2198857	247.266	ug/l	99
24) 1,1-Dichloroethane	5.80	63	289127	48.908	ug/l	99
25) 2-Butanone	6.78	43	498111	248.901	ug/l	99
26) 2,2-Dichloropropane	6.78	77	206179	39.613	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	167009	49.618	ug/l	98
28) Bromochloromethane	7.15	49	141685	51.908	ug/l	98
29) Tetrahydrofuran	7.17	42	335450	245.426	ug/l	99
30) Chloroform	7.33	83	306121	51.614	ug/l	99
31) Cyclohexane	7.61	56	238446	42.642	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	267705	50.748	ug/l	99
36) 1,1-Dichloropropene	7.75	75	212098	49.219	ug/l	99
37) Ethyl Acetate	6.88	43	223187	52.771	ug/l	97
38) Carbon Tetrachloride	7.74	117	226163	51.414	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	211331	45.186	ug/l	98
40) Benzene	8.00	78	626126	50.899	ug/l	99
41) Methacrylonitrile	7.14	41	108743m	57.167	ug/l	
42) 1,2-Dichloroethane	8.09	62	262626	53.088	ug/l	99
43) Isopropyl Acetate	8.13	43	372735	49.287	ug/l	99
44) Trichloroethene	8.80	130	153670	51.504	ug/l	99
45) 1,2-Dichloropropane	9.08	63	172828	51.585	ug/l	96
46) Dibromomethane	9.18	93	116777	53.031	ug/l	100
47) Bromodichloromethane	9.37	83	247535	54.110	ug/l	98
48) Methyl methacrylate	9.17	41	190128	51.172	ug/l	99
49) 1,4-Dioxane	9.17	88	51730	970.187	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	1130136	266.936	ug/l	99
52) Toluene	10.13	92	389438	52.656	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	256171	50.160	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	265051	49.202	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	156677	53.333	ug/l	96
56) Ethyl methacrylate	10.40	69	239231	52.164	ug/l	99
57) 1,3-Dichloropropane	10.68	76	274069	51.734	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.67	63	586850	243.933	ug/l	97
59) 2-Hexanone	10.72	43	822933	268.299	ug/l	100
60) Dibromochloromethane	10.87	129	178574	53.806	ug/l	99
61) 1,2-Dibromoethane	10.98	107	164922	54.036	ug/l	100
64) Tetrachloroethene	10.60	164	142687	54.589	ug/l	98
65) Chlorobenzene	11.41	112	410060	50.324	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	157472	52.721	ug/l	99
67) Ethyl Benzene	11.49	91	778582	50.738	ug/l	100
68) m/p-Xylenes	11.59	106	567625	102.595	ug/l	100
69) o-Xylene	11.92	106	269426	51.120	ug/l	99
70) Styrene	11.94	104	473144	53.533	ug/l	98
71) Bromoform	12.10	173	119410	53.663	ug/l #	100
73) Isopropylbenzene	12.23	105	744453	50.403	ug/l	100
74) N-amyl acetate	12.05	43	343662	49.153	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	229033	50.081	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	216054m	47.359	ug/l	
77) Bromobenzene	12.50	156	174903	52.643	ug/l	95
78) n-propylbenzene	12.57	91	859236	49.947	ug/l	100
79) 2-Chlorotoluene	12.65	91	528176	51.218	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	630060	51.157	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	76599	46.033	ug/l	98
82) 4-Chlorotoluene	12.75	91	551058	50.575	ug/l	100
83) tert-Butylbenzene	12.97	119	504774	49.657	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	645682	51.902	ug/l	100
85) sec-Butylbenzene	13.15	105	676354	49.707	ug/l	100
86) p-Isopropyltoluene	13.26	119	598414	49.862	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	316645	51.420	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	320276	51.155	ug/l	99
89) n-Butylbenzene	13.59	91	536118	48.464	ug/l	98
90) Hexachloroethane	13.85	117	107973	47.248	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	316915	52.419	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	52950	48.622	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	170321	47.787	ug/l	99
94) Hexachlorobutadiene	14.98	225	76075	51.557	ug/l	96
95) Naphthalene	15.10	128	570539	48.452	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	167058	48.510	ug/l	98

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

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