

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091620\
 Data File : VN063406.D
 Acq On : 17 Sep 2020 8:39
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/17/2020 1:44:18 PM

Quant Time: Sep 17 08:59:58 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	7.62	168	269977	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	497099	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	462489	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	217298	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	229293	49.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.78%	
35) Dibromofluoromethane	7.55	113	157694	45.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.64%	
50) Toluene-d8	10.06	98	615594	47.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.14%	
62) 4-Bromofluorobenzene	12.38	95	232656	49.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	148576	48.577	ug/l	99
3) Chloromethane	2.04	50	193519	47.827	ug/l	99
4) Vinyl Chloride	2.16	62	186899	52.136	ug/l	100
5) Bromomethane	2.53	94	107387	50.453	ug/l	98
6) Chloroethane	2.67	64	108698	49.396	ug/l	97
7) Trichlorofluoromethane	2.98	101	275420	51.494	ug/l	96
8) Diethyl Ether	3.37	74	106827	51.235	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	142616	47.414	ug/l	98
10) Methyl Iodide	3.91	142	197180	50.351	ug/l	99
11) Tert butyl alcohol	4.72	59	154661	242.922	ug/l	100
12) 1,1-Dichloroethene	3.70	96	150085	49.262	ug/l	96
13) Acrolein	3.57	56	60610	256.886	ug/l	97
14) Allyl chloride	4.28	41	257928	42.800	ug/l	91
15) Acrylonitrile	4.93	53	425580	262.788	ug/l	99
16) Acetone	3.77	43	383494	259.646	ug/l	100
17) Carbon Disulfide	4.01	76	427532	48.243	ug/l	100
18) Methyl Acetate	4.28	43	201399	53.713	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	562100	49.502	ug/l	97
20) Methylene Chloride	4.50	84	179883	48.070	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	164082	48.610	ug/l	99
22) Diisopropyl ether	5.90	45	610479	49.670	ug/l	99
23) Vinyl Acetate	5.84	43	2573701	254.975	ug/l	100
24) 1,1-Dichloroethane	5.80	63	333600	49.716	ug/l	99
25) 2-Butanone	6.78	43	592666	260.905	ug/l	98
26) 2,2-Dichloropropane	6.77	77	185374	31.377	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	190691	49.911	ug/l	98
28) Bromochloromethane	7.15	49	151122	48.776	ug/l	100
29) Tetrahydrofuran	7.16	42	395597	254.988	ug/l	99
30) Chloroform	7.33	83	335201	49.791	ug/l	100
31) Cyclohexane	7.61	56	287000	45.217	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	297241	49.641	ug/l	100
36) 1,1-Dichloropropene	7.75	75	244329	46.136	ug/l	99
37) Ethyl Acetate	6.88	43	257695	49.579	ug/l	99
38) Carbon Tetrachloride	7.74	117	256771	47.497	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	251804	43.809	ug/l	99
40) Benzene	8.00	78	716503	47.395	ug/l	98
41) Methacrylonitrile	7.13	41	115910	49.582	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	290201	47.733	ug/l	100
43) Isopropyl Acetate	8.13	43	446004	47.988	ug/l #	90
44) Trichloroethene	8.80	130	173587	47.341	ug/l	100
45) 1,2-Dichloropropane	9.08	63	198608	48.236	ug/l	100
46) Dibromomethane	9.17	93	132738	49.049	ug/l	99
47) Bromodichloromethane	9.37	83	275578	49.017	ug/l	97
48) Methyl methacrylate	9.17	41	223789	49.010	ug/l	99
49) 1,4-Dioxane	9.16	88	62913	960.097	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	1316740	253.068	ug/l	99
52) Toluene	10.13	92	449994	49.508	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	286812	45.697	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	299069	45.174	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	177283	49.104	ug/l	98
56) Ethyl methacrylate	10.40	69	286163	50.773	ug/l	98
57) 1,3-Dichloropropane	10.68	76	312578	48.010	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	694724	234.973	ug/l	99
59) 2-Hexanone	10.72	43	954382	253.185	ug/l	98
60) Dibromochloromethane	10.87	129	199339	48.873	ug/l	100
61) 1,2-Dibromoethane	10.98	107	186295	49.667	ug/l	98
64) Tetrachloroethene	10.60	164	152677	48.481	ug/l	97
65) Chlorobenzene	11.41	112	468159	47.687	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	175033	48.638	ug/l	100
67) Ethyl Benzene	11.48	91	880487	47.625	ug/l	100
68) m/p-Xylenes	11.59	106	641352	96.215	ug/l	99
69) o-Xylene	11.92	106	308555	48.592	ug/l	99
70) Styrene	11.94	104	537938	50.517	ug/l	99
71) Bromoform	12.10	173	132501	49.424	ug/l #	97
73) Isopropylbenzene	12.23	105	843550	48.444	ug/l	100
74) N-amyl acetate	12.05	43	406937	49.369	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	261242	48.453	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	243428m	45.260	ug/l	
77) Bromobenzene	12.50	156	193984	49.524	ug/l	97
78) n-propylbenzene	12.57	91	972153	47.933	ug/l	100
79) 2-Chlorotoluene	12.65	91	593380	48.807	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	701146	48.288	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	81697	41.645	ug/l	100
82) 4-Chlorotoluene	12.75	91	612541	47.685	ug/l	100
83) tert-Butylbenzene	12.97	119	580989	48.480	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	712523	48.581	ug/l	100
85) sec-Butylbenzene	13.15	105	769964	47.998	ug/l	99
86) p-Isopropyltoluene	13.26	119	673313	47.588	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	350216	48.240	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	356830	48.343	ug/l	99
89) n-Butylbenzene	13.59	91	600599	46.052	ug/l	100
90) Hexachloroethane	13.85	117	128303	47.623	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	343047	48.129	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	61595	47.975	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	188715	44.911	ug/l	100
94) Hexachlorobutadiene	14.98	225	77660	44.643	ug/l	96
95) Naphthalene	15.10	128	658397	47.426	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	186167	45.853	ug/l	100

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

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