

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN103020\
 Data File : VN064409.D
 Acq On : 30 Oct 2020 18:50
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/2/2020 4:12:11 PM

Quant Time: Nov 02 03:22:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 12:23:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	237392	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	397593	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	364914	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	176989	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	186252	48.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.64%	
35) Dibromofluoromethane	7.55	113	131471	49.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.16%	
50) Toluene-d8	10.06	98	474267	48.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.72%	
62) 4-Bromofluorobenzene	12.37	95	181801	47.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	130093	47.674	ug/l	99
3) Chloromethane	2.04	50	140432	47.607	ug/l	99
4) Vinyl Chloride	2.16	62	145185	50.884	ug/l	98
5) Bromomethane	2.53	94	87325	47.365	ug/l	97
6) Chloroethane	2.67	64	87669	51.421	ug/l	97
7) Trichlorofluoromethane	2.98	101	251015	52.514	ug/l	100
8) Diethyl Ether	3.38	74	79905	52.844	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	119893	49.905	ug/l	98
10) Methyl Iodide	3.91	142	151321	47.200	ug/l	98
11) Tert butyl alcohol	4.72	59	106648	192.579	ug/l	98
12) 1,1-Dichloroethene	3.70	96	113953	50.244	ug/l	92
13) Acrolein	3.57	56	35201	289.877	ug/l	94
14) Allyl chloride	4.28	41	228486	49.338	ug/l	99
15) Acrylonitrile	4.93	53	297979	250.212	ug/l	98
16) Acetone	3.77	43	291675	223.486	ug/l	92
17) Carbon Disulfide	4.01	76	317452	47.308	ug/l	96
18) Methyl Acetate	4.27	43	144549	50.441	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	461263	52.933	ug/l	96
20) Methylene Chloride	4.50	84	137172	50.701	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	128768	50.895	ug/l	95
22) Diisopropyl ether	5.90	45	481465	53.190	ug/l	95
23) Vinyl Acetate	5.84	43	2069919	270.294	ug/l	100
24) 1,1-Dichloroethane	5.80	63	260995	51.528	ug/l	99
25) 2-Butanone	6.78	43	446580	233.147	ug/l	98
26) 2,2-Dichloropropane	6.78	77	238817	48.176	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	151492	52.320	ug/l	99
28) Bromochloromethane	7.15	49	118814	49.234	ug/l	98
29) Tetrahydrofuran	7.16	42	295391	237.549	ug/l	98
30) Chloroform	7.33	83	287410	53.160	ug/l	99
31) Cyclohexane	7.61	56	208158	47.015	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	263154	50.688	ug/l	98
36) 1,1-Dichloropropene	7.75	75	198673	49.512	ug/l	99
37) Ethyl Acetate	6.88	43	190708	47.052	ug/l	98
38) Carbon Tetrachloride	7.73	117	234786	50.470	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	182288	45.816	ug/l	97
40) Benzene	8.00	78	562257	50.340	ug/l	98
41) Methacrylonitrile	7.13	41	85231m	42.361	ug/l	
42) 1,2-Dichloroethane	8.08	62	247754	51.350	ug/l	99
43) Isopropyl Acetate	8.13	43	351704	50.762	ug/l	99
44) Trichloroethene	8.80	130	149729	51.173	ug/l	95
45) 1,2-Dichloropropane	9.08	63	151620	50.693	ug/l	99
46) Dibromomethane	9.17	93	108430	51.821	ug/l	98
47) Bromodichloromethane	9.37	83	232942	50.234	ug/l	96
48) Methyl methacrylate	9.16	41	170654	47.739	ug/l	99
49) 1,4-Dioxane	9.16	88	43169	819.322	ug/l	100
51) 4-Methyl-2-Pentanone	9.95	43	997104	247.576	ug/l	100
52) Toluene	10.12	92	358250	50.830	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	249744	50.936	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	259502	51.415	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	142550	51.238	ug/l	99
56) Ethyl methacrylate	10.40	69	220809	52.431	ug/l	98
57) 1,3-Dichloropropane	10.68	76	247883	52.232	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	525038	228.462	ug/l	100
59) 2-Hexanone	10.72	43	719151	242.447	ug/l	99
60) Dibromochloromethane	10.87	129	173302	52.684	ug/l	99
61) 1,2-Dibromoethane	10.97	107	147333	51.974	ug/l	98
64) Tetrachloroethene	10.60	164	140173	46.737	ug/l	99
65) Chlorobenzene	11.40	112	385080	52.052	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	154341	51.616	ug/l	98
67) Ethyl Benzene	11.48	91	702158	51.051	ug/l	99
68) m/p-Xylenes	11.60	106	519438	101.908	ug/l	100
69) o-Xylene	11.92	106	250499	51.011	ug/l	98
70) Styrene	11.94	104	418578	51.988	ug/l	98
71) Bromoform	12.10	173	117869	50.225	ug/l #	100
73) Isopropylbenzene	12.22	105	654923	49.406	ug/l	99
74) N-amyl acetate	12.04	43	304459	52.180	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	194448	50.465	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	196116m	46.271	ug/l	
77) Bromobenzene	12.50	156	166313	51.236	ug/l	97
78) n-propylbenzene	12.56	91	736882	49.100	ug/l	99
79) 2-Chlorotoluene	12.65	91	463134	48.276	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	546034	48.681	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	69086	46.952	ug/l	96
82) 4-Chlorotoluene	12.75	91	482959	49.417	ug/l	100
83) tert-Butylbenzene	12.96	119	441692	47.989	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	552750	49.319	ug/l	98
85) sec-Butylbenzene	13.14	105	565364	47.467	ug/l	99
86) p-Isopropyltoluene	13.26	119	515276	48.021	ug/l	99
87) 1,3-Dichlorobenzene	13.25	146	278005	48.923	ug/l	99
88) 1,4-Dichlorobenzene	13.33	146	280962	48.544	ug/l	99
89) n-Butylbenzene	13.59	91	441158	46.669	ug/l	97
90) Hexachloroethane	13.85	117	97821	48.541	ug/l	98
91) 1,2-Dichlorobenzene	13.62	146	277680	49.151	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	45833	47.938	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	141731	43.907	ug/l	98
94) Hexachlorobutadiene	14.98	225	76913	44.363	ug/l	98
95) Naphthalene	15.10	128	417449	42.119	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	133016	42.827	ug/l	97

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

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