

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100720\
 Data File : VN063960.D
 Acq On : 7 Oct 2020 22:54
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/8/2020 10:09:27 AM

Quant Time: Oct 08 06:25:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	284313	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	459021	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	433236	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	209807	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	220695	46.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.98%	
35) Dibromofluoromethane	7.55	113	151361	47.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.04%	
50) Toluene-d8	10.06	98	569805	47.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.38%	
62) 4-Bromofluorobenzene	12.38	95	215986	47.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	133848	44.616	ug/l	99
3) Chloromethane	2.04	50	158585	45.052	ug/l	98
4) Vinyl Chloride	2.16	62	155089	43.892	ug/l	98
5) Bromomethane	2.53	94	91866	41.334	ug/l	96
6) Chloroethane	2.67	64	103602	49.068	ug/l	99
7) Trichlorofluoromethane	2.99	101	268023	47.828	ug/l	99
8) Diethyl Ether	3.38	74	93491	49.330	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.72	101	138450	46.223	ug/l	97
10) Methyl Iodide	3.91	142	158843	45.674	ug/l	97
11) Tert butyl alcohol	4.73	59	135404	261.111	ug/l	99
12) 1,1-Dichloroethene	3.70	96	132614	46.320	ug/l	100
13) Acrolein	3.57	56	79537	249.905	ug/l	95
14) Allyl chloride	4.28	41	270315	50.822	ug/l	93
15) Acrylonitrile	4.93	53	396019	266.792	ug/l	99
16) Acetone	3.78	43	357451	247.216	ug/l	99
17) Carbon Disulfide	4.01	76	350500	45.361	ug/l	100
18) Methyl Acetate	4.28	43	206316	54.957	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	527235	50.689	ug/l	97
20) Methylene Chloride	4.51	84	164679	49.725	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	148468	46.298	ug/l	94
22) Diisopropyl ether	5.90	45	593037	54.192	ug/l	98
23) Vinyl Acetate	5.85	43	2397235	264.452	ug/l	100
24) 1,1-Dichloroethane	5.80	63	308996	49.384	ug/l	99
25) 2-Butanone	6.78	43	564566	275.407	ug/l	97
26) 2,2-Dichloropropane	6.78	77	232812	40.630	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	177034	48.001	ug/l	98
28) Bromochloromethane	7.15	49	159453	51.561	ug/l	99
29) Tetrahydrofuran	7.17	42	376610	273.923	ug/l	97
30) Chloroform	7.33	83	329815	50.554	ug/l	93
31) Cyclohexane	7.61	56	248724	45.612	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	296218	50.338	ug/l	98
36) 1,1-Dichloropropene	7.75	75	228875	49.217	ug/l	100
37) Ethyl Acetate	6.88	43	236864	51.267	ug/l	97
38) Carbon Tetrachloride	7.74	117	256226	49.136	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	218218	47.055	ug/l	98
40) Benzene	8.00	78	663986	49.990	ug/l	100
41) Methacrylonitrile	7.13	41	106236	51.737	ug/l	93
42) 1,2-Dichloroethane	8.09	62	282524	49.829	ug/l	99
43) Isopropyl Acetate	8.13	43	408658	53.624	ug/l #	91
44) Trichloroethene	8.80	130	167089	48.011	ug/l	99
45) 1,2-Dichloropropane	9.08	63	189017	52.692	ug/l	98
46) Dibromomethane	9.18	93	123596	49.945	ug/l	98
47) Bromodichloromethane	9.37	83	264376	51.838	ug/l	99
48) Methyl methacrylate	9.17	41	201156	53.426	ug/l	95
49) 1,4-Dioxane	9.17	88	53812	1005.627	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	1255282	280.685	ug/l	100
52) Toluene	10.13	92	421592	51.315	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	272249	49.799	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	289630	50.657	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	171514	52.056	ug/l	98
56) Ethyl methacrylate	10.40	69	256735	54.973	ug/l	97
57) 1,3-Dichloropropane	10.68	76	291385	52.274	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	674337	269.935	ug/l	99
59) 2-Hexanone	10.72	43	917002	276.019	ug/l	100
60) Dibromochloromethane	10.87	129	202451	52.762	ug/l	99
61) 1,2-Dibromoethane	10.98	107	178398	52.932	ug/l	99
64) Tetrachloroethene	10.60	164	154653	46.140	ug/l	97
65) Chlorobenzene	11.41	112	448383	50.454	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	177435	52.079	ug/l	100
67) Ethyl Benzene	11.49	91	827153	51.150	ug/l	100
68) m/p-Xylenes	11.59	106	614229	101.914	ug/l	99
69) o-Xylene	11.92	106	293737	52.144	ug/l	98
70) Styrene	11.94	104	511596	53.502	ug/l	98
71) Bromoform	12.10	173	137655	52.828	ug/l #	99
73) Isopropylbenzene	12.23	105	784940	51.293	ug/l	99
74) N-amyl acetate	12.04	43	364095	51.137	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	246478	52.671	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	230950m	49.935	ug/l	
77) Bromobenzene	12.50	156	200284	53.338	ug/l	97
78) n-propylbenzene	12.57	91	905783	50.859	ug/l	100
79) 2-Chlorotoluene	12.65	91	562222	51.329	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	658964	51.327	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	78493	48.881	ug/l	98
82) 4-Chlorotoluene	12.75	91	583579	51.323	ug/l	99
83) tert-Butylbenzene	12.97	119	534807	50.926	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	667016	52.037	ug/l	98
85) sec-Butylbenzene	13.15	105	699892	50.741	ug/l	99
86) p-Isopropyltoluene	13.26	119	625030	51.222	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	342970	50.486	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	349141	49.361	ug/l	99
89) n-Butylbenzene	13.59	91	523163	46.452	ug/l	99
90) Hexachloroethane	13.85	117	121038	51.189	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	344548	51.206	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	53749	48.977	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	160316	44.032	ug/l	97
94) Hexachlorobutadiene	14.98	225	91161	49.969	ug/l	96
95) Naphthalene	15.11	128	481876	42.852	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	157628	44.594	ug/l	99

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

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