

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012420\
 Data File : VN059833.D
 Acq On : 24 Jan 2020 9:44
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 1/27/2020 11:15:28 AM

Quant Time: Jan 25 00:36:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 18 03:09:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	210381	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	320600	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	289815	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	143016	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	117011	50.08	ug/l	0.00
Spiked Amount			Recovery	=	100.16%	
35) Dibromofluoromethane	7.56	113	98952	51.76	ug/l	0.00
Spiked Amount			Recovery	=	103.52%	
50) Toluene-d8	10.08	98	379632	51.25	ug/l	0.00
Spiked Amount			Recovery	=	102.50%	
62) 4-Bromofluorobenzene	12.40	95	136756	51.21	ug/l	0.00
Spiked Amount			Recovery	=	102.42%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	117753	47.447	ug/l	97
3) Chloromethane	2.04	50	107456	44.614	ug/l	99
4) Vinyl Chloride	2.17	62	139864	50.752	ug/l	96
5) Bromomethane	2.53	94	84456	50.217	ug/l	100
6) Chloroethane	2.68	64	66323	50.869	ug/l	99
7) Trichlorofluoromethane	3.00	101	168133	50.802	ug/l	99
8) Diethyl Ether	3.38	74	58316	50.208	ug/l	83
9) 1,1,2-Trichlorotrifluoroet	3.74	101	97758	53.071	ug/l	92
10) Methyl Iodide	3.93	142	146838	49.317	ug/l	95
11) Tert butyl alcohol	4.73	59	89826	228.385	ug/l	100
12) 1,1-Dichloroethene	3.72	96	93710	48.687	ug/l	89
13) Acrolein	3.58	56	64782	232.681	ug/l	96
14) Allyl chloride	4.29	41	127053	48.973	ug/l #	87
15) Acrylonitrile	4.94	53	219068	244.177	ug/l	100
16) Acetone	3.78	43	264759	335.685	ug/l	94
17) Carbon Disulfide	4.03	76	244135	44.526	ug/l	99
18) Methyl Acetate	4.28	43	132350	48.498	ug/l #	90
19) Methyl tert-butyl Ether	5.00	73	318125	50.693	ug/l	94
20) Methylene Chloride	4.52	84	105938	50.121	ug/l	87
21) trans-1,2-Dichloroethene	5.01	96	100896	49.314	ug/l	87
22) Diisopropyl ether	5.91	45	290958	49.489	ug/l #	96
23) Vinyl Acetate	5.86	43	1110303	243.915	ug/l #	94
24) 1,1-Dichloroethane	5.82	63	179052	49.842	ug/l	98
25) 2-Butanone	6.80	43	326067	246.451	ug/l #	90
26) 2,2-Dichloropropane	6.80	77	174395	50.496	ug/l	96
27) cis-1,2-Dichloroethene	6.80	96	118142	50.204	ug/l	88
28) Bromochloromethane	7.17	49	73653	51.297	ug/l #	73
29) Tetrahydrofuran	7.18	42	182562	223.018	ug/l #	86
30) Chloroform	7.35	83	191937	51.566	ug/l	100
31) Cyclohexane	7.63	56	154380	44.660	ug/l	88
32) 1,1,1-Trichloroethane	7.54	97	176142	51.181	ug/l	96
36) 1,1-Dichloropropene	7.77	75	141195	50.573	ug/l	96
37) Ethyl Acetate	6.90	43	121764	46.500	ug/l	98
38) Carbon Tetrachloride	7.75	117	156398	51.497	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	170374	49.492	ug/l	91
40) Benzene	8.02	78	416734	50.049	ug/l	100
41) Methacrylonitrile	7.15	41	56493m	43.800	ug/l	
42) 1,2-Dichloroethane	8.10	62	144466	51.173	ug/l	96
43) Isopropyl Acetate	8.14	43	211697	47.002	ug/l #	94
44) Trichloroethene	8.82	130	122575	53.926	ug/l	93
45) 1,2-Dichloropropane	9.10	63	107016	51.940	ug/l	100
46) Dibromomethane	9.19	93	74619	51.341	ug/l	91
47) Bromodichloromethane	9.39	83	156081	53.291	ug/l	99
48) Methyl methacrylate	9.18	41	93122	46.223	ug/l #	88
49) 1,4-Dioxane	9.18	88	37706	1022.374	ug/l	89
51) 4-Methyl-2-Pentanone	9.97	43	607449	233.307	ug/l	94
52) Toluene	10.14	92	272625	51.836	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	173557	53.070	ug/l	98
54) cis-1,3-Dichloropropene	9.82	75	183336	53.280	ug/l	92
55) 1,1,2-Trichloroethane	10.55	97	107739	51.723	ug/l	97
56) Ethyl methacrylate	10.42	69	157133	49.368	ug/l	91
57) 1,3-Dichloropropane	10.70	76	175443	53.051	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	207721	216.672	ug/l	90
59) 2-Hexanone	10.74	43	475940	248.129	ug/l	94
60) Dibromochloromethane	10.89	129	129692	54.675	ug/l	99
61) 1,2-Dibromoethane	10.99	107	114319	52.362	ug/l	98
64) Tetrachloroethene	10.62	164	125075	52.953	ug/l	95
65) Chlorobenzene	11.43	112	300337	52.724	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	118878	54.009	ug/l	99
67) Ethyl Benzene	11.50	91	540212	52.241	ug/l	97
68) m/p-Xylenes	11.62	106	408086	104.473	ug/l	94
69) o-Xylene	11.94	106	197531	51.654	ug/l	95
70) Styrene	11.96	104	332853	52.015	ug/l	97
71) Bromoform	12.12	173	97639	55.379	ug/l #	100
73) Isopropylbenzene	12.25	105	536475	51.148	ug/l	99
74) N-amyl acetate	12.06	43	183872	45.178	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.50	83	146466	48.169	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	133108m	55.305	ug/l	
77) Bromobenzene	12.52	156	135376	50.967	ug/l	82
78) n-propylbenzene	12.59	91	607502	51.603	ug/l	97
79) 2-Chlorotoluene	12.67	91	354758	50.655	ug/l	95
80) 1,3,5-Trimethylbenzene	12.73	105	452842	51.337	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.29	75	53830	48.030	ug/l	94
82) 4-Chlorotoluene	12.77	91	364367	51.870	ug/l	96
83) tert-Butylbenzene	12.99	119	386923	50.717	ug/l	95
84) 1,2,4-Trimethylbenzene	13.04	105	450641	51.639	ug/l	98
85) sec-Butylbenzene	13.17	105	521355	52.014	ug/l	99
86) p-Isopropyltoluene	13.29	119	479697	51.721	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	245438	53.196	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	242125	52.604	ug/l	97
89) n-Butylbenzene	13.61	91	416619	52.684	ug/l	98
90) Hexachloroethane	13.87	117	90432	52.114	ug/l	87
91) 1,2-Dichlorobenzene	13.65	146	235879	51.713	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.26	75	30681	46.880	ug/l	82

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	143330	52.295	ug/l	99
94) Hexachlorobutadiene	15.01	225	79298	52.503	ug/l	99
95) Naphthalene	15.13	128	365422	46.874	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	133971	50.218	ug/l	99

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

