

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111519\
 Data File : VN059248.D
 Acq On : 15 Nov 2019 8:35
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 11/18/2019 3:10:18 PM

Quant Time: Nov 15 15:14:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 07 04:00:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	401281	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	613377	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	559603	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	272681	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	234345	47.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.02%	
35) Dibromofluoromethane	7.56	113	186475	50.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.84%	
50) Toluene-d8	10.08	98	717224	49.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.44%	
62) 4-Bromofluorobenzene	12.40	95	268056	51.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.06%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.83	85	176185	43.577	ug/l	100
3) Chloromethane	2.04	50	233987	42.575	ug/l	100
4) Vinyl Chloride	2.17	62	238848	44.826	ug/l	100
5) Bromomethane	2.53	94	140094	45.689	ug/l	98
6) Chloroethane	2.68	64	145043	46.016	ug/l	99
7) Trichlorofluoromethane	2.99	101	301490	47.305	ug/l	100
8) Diethyl Ether	3.38	74	131652	50.838	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.73	101	187299	48.741	ug/l	100
10) Methyl Iodide	3.92	142	226056	47.525	ug/l	99
11) Tert butyl alcohol	4.75	59	233352	248.226	ug/l	99
12) 1,1-Dichloroethene	3.71	96	177417	47.395	ug/l	96
13) Acrolein	3.58	56	126251	260.480	ug/l	99
14) Allyl chloride	4.29	41	368406	47.912	ug/l	98
15) Acrylonitrile	4.95	53	609075	260.340	ug/l	100
16) Acetone	3.79	43	599580	233.742	ug/l	99
17) Carbon Disulfide	4.02	76	476347	40.993	ug/l	100
18) Methyl Acetate	4.29	43	313407	51.474	ug/l	100
19) Methyl tert-butyl Ether	5.01	73	675449	52.410	ug/l	100
20) Methylene Chloride	4.52	84	218232	48.834	ug/l	98
21) trans-1,2-Dichloroethene	5.01	96	194354	48.370	ug/l	97
22) Diisopropyl ether	5.92	45	744841	51.284	ug/l	97
23) Vinyl Acetate	5.86	43	3061577	271.988	ug/l	100
24) 1,1-Dichloroethane	5.81	63	403508	49.742	ug/l	98
25) 2-Butanone	6.80	43	842608	249.240	ug/l	98
26) 2,2-Dichloropropane	6.80	77	345215	48.668	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	234834	50.376	ug/l	99
28) Bromochloromethane	7.17	49	116242	47.630	ug/l	98
29) Tetrahydrofuran	7.18	42	534386	248.772	ug/l	98
30) Chloroform	7.35	83	395325	50.802	ug/l	99
31) Cyclohexane	7.63	56	336920	43.873	ug/l	97
32) 1,1,1-Trichloroethane	7.54	97	333014	50.901	ug/l	99
36) 1,1-Dichloropropene	7.77	75	289374	50.473	ug/l	100
37) Ethyl Acetate	6.90	43	328881	51.564	ug/l	99
38) Carbon Tetrachloride	7.75	117	287545	50.390	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	331052	49.752	ug/l	99
40) Benzene	8.02	78	888411	51.457	ug/l	99
41) Methacrylonitrile	7.16	41	167195m	60.284	ug/l	
42) 1,2-Dichloroethane	8.10	62	308038	52.021	ug/l	100
43) Isopropyl Acetate	8.14	43	521961	51.332	ug/l	99
44) Trichloroethene	8.82	130	220698	52.002	ug/l	99
45) 1,2-Dichloropropane	9.10	63	246813	52.631	ug/l	99
46) Dibromomethane	9.19	93	148845	50.935	ug/l	98
47) Bromodichloromethane	9.39	83	312935	53.629	ug/l	97
48) Methyl methacrylate	9.18	41	233668	51.375	ug/l	98
49) 1,4-Dioxane	9.18	88	90980	1125.583	ug/l	97
51) 4-Methyl-2-Pentanone	9.97	43	1648270	286.482	ug/l	99
52) Toluene	10.14	92	547081	52.868	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	358783	53.219	ug/l	100
54) cis-1,3-Dichloropropene	9.83	75	386766	53.334	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	222542	53.138	ug/l	98
56) Ethyl methacrylate	10.42	69	348670	49.920	ug/l	97
57) 1,3-Dichloropropane	10.70	76	383798	53.247	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	686081	294.365	ug/l	100
59) 2-Hexanone	10.74	43	1219811	276.221	ug/l	98
60) Dibromochloromethane	10.90	129	243120	54.906	ug/l	100
61) 1,2-Dibromoethane	11.00	107	226854	53.509	ug/l	100
64) Tetrachloroethene	10.62	164	192315	50.540	ug/l	98
65) Chlorobenzene	11.43	112	583575	53.496	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	221640	54.162	ug/l	99
67) Ethyl Benzene	11.51	91	1050288	54.265	ug/l	99
68) m/p-Xylenes	11.62	106	785711	108.373	ug/l	100
69) o-Xylene	11.94	106	374138	53.399	ug/l	100
70) Styrene	11.96	104	628789	57.063	ug/l	99
71) Bromoform	12.12	173	177313	55.706	ug/l #	99
73) Isopropylbenzene	12.25	105	1026588	51.757	ug/l	100
74) N-amyl acetate	12.07	43	440579	52.420	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	344360	50.981	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	316298m	50.950	ug/l	
77) Bromobenzene	12.53	156	252346	50.638	ug/l	98
78) n-propylbenzene	12.59	91	1202959	52.968	ug/l	99
79) 2-Chlorotoluene	12.67	91	713730	50.659	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	881570	52.452	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	121520	51.702	ug/l	99
82) 4-Chlorotoluene	12.77	91	732941	51.869	ug/l	99
83) tert-Butylbenzene	12.99	119	744642	51.304	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	872372	53.649	ug/l	100
85) sec-Butylbenzene	13.17	105	1006052	53.297	ug/l	100
86) p-Isopropyltoluene	13.29	119	914159	54.847	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	449278	52.648	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	440400	51.581	ug/l	99
89) n-Butylbenzene	13.62	91	779288	53.420	ug/l	100
90) Hexachloroethane	13.88	117	168538	50.357	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	448053	53.374	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	67007	49.722	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	245826	48.372	ug/l	99
94) Hexachlorobutadiene	15.01	225	151034	52.180	ug/l	99
95) Naphthalene	15.13	128	642305	45.733	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	240792	51.184	ug/l	98

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

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