

Data File : VN057176.D
Acq On : 11 Aug 2019 10:02
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

8/12/2019 3:41:24 PM

Quant Time: Aug 12 06:20:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080719W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 08 06:49:25 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	1196899	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.01	114	1732791	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.90	117	1539134	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.87	152	646638	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.44	65	550099	44.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.38%	
35) Dibromofluoromethane	6.98	113	517473	47.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.18%	
50) Toluene-d8	9.56	98	1928148	46.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.70%	
62) 4-Bromofluorobenzene	11.92	95	659006	49.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.82	85	428208	44.513	ug/l	99
3) Chloromethane	2.00	50	504642	39.481	ug/l	100
4) Vinyl Chloride	2.11	62	524889	44.180	ug/l	99
5) Bromomethane	2.43	94	371417	46.010	ug/l	99
6) Chloroethane	2.55	64	351340	46.104	ug/l	98
7) Trichlorofluoromethane	2.82	101	795080	46.558	ug/l	99
8) Diethyl Ether	3.14	74	310383	47.042	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.44	101	495559	47.868	ug/l	99
10) Methyl Iodide	3.63	142	787261	50.323	ug/l	99
11) Tert butyl alcohol	4.24	59	360577	205.849	ug/l	98
12) 1,1-Dichloroethene	3.43	96	485256	47.647	ug/l	100
13) Acrolein	3.31	56	167148	150.838	ug/l	99
14) Allyl chloride	3.91	41	765327	51.709	ug/l	94
15) Acrylonitrile	4.44	53	1060525	223.705	ug/l	99
16) Acetone	3.47	43	1097632	295.269	ug/l	99
17) Carbon Disulfide	3.72	76	1247501	46.043	ug/l	98
18) Methyl Acetate	3.89	43	496141	44.726	ug/l	99
19) Methyl tert-butyl Ether	4.49	73	1493299	48.568	ug/l	96
20) Methylene Chloride	4.10	84	558484	45.522	ug/l	98
21) trans-1,2-Dichloroethene	4.51	96	520225	46.891	ug/l	98
22) Diisopropyl ether	5.31	45	1521737	47.137	ug/l	99
23) Vinyl Acetate	5.26	43	5944765	240.470	ug/l	100
24) 1,1-Dichloroethane	5.25	63	931107	46.917	ug/l	98
25) 2-Butanone	6.20	43	1430289	251.828	ug/l	98
26) 2,2-Dichloropropane	6.21	77	772737	53.519	ug/l	100
27) cis-1,2-Dichloroethene	6.21	96	604742	47.581	ug/l	99
28) Bromochloromethane	6.58	49	431098	47.226	ug/l	98
29) Tetrahydrofuran	6.60	42	845818	221.069	ug/l	99
30) Chloroform	6.75	83	953001	46.396	ug/l	99
31) Cyclohexane	7.06	56	791484	44.329	ug/l	99
32) 1,1,1-Trichloroethane	6.98	97	826225	47.950	ug/l	99
36) 1,1-Dichloropropene	7.20	75	715096	50.122	ug/l	99
37) Ethyl Acetate	6.28	43	535667	45.545	ug/l #	99
38) Carbon Tetrachloride	7.18	117	733473	49.330	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.52	83	855920	49.333	ug/l	96
40) Benzene	7.46	78	2159595	47.815	ug/l	99
41) Methacrylonitrile	6.54	41	296903	49.699	ug/l	98
42) 1,2-Dichloroethane	7.54	62	682632	47.391	ug/l	99
43) Isopropyl Acetate	7.56	43	929457	46.310	ug/l	99
44) Trichloroethene	8.27	130	631937	49.942	ug/l	99
45) 1,2-Dichloropropane	8.56	63	574663	49.140	ug/l	99
46) Dibromomethane	8.65	93	365435	48.735	ug/l	98
47) Bromodichloromethane	8.85	83	737691	50.844	ug/l	99
48) Methyl methacrylate	8.63	41	428476	45.274	ug/l	98
49) 1,4-Dioxane	8.64	88	186151	965.760	ug/l	99
51) 4-Methyl-2-Pentanone	9.45	43	2665785	228.221	ug/l	99
52) Toluene	9.63	92	1372648	48.962	ug/l	100
53) t-1,3-Dichloropropene	9.85	75	786016	51.858	ug/l	98
54) cis-1,3-Dichloropropene	9.30	75	897799	51.620	ug/l	99
55) 1,1,2-Trichloroethane	10.04	97	525600	47.676	ug/l	99
56) Ethyl methacrylate	9.90	69	752597	48.756	ug/l	99
57) 1,3-Dichloropropane	10.19	76	861362	47.378	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.15	63	962186	161.240	ug/l	99
59) 2-Hexanone	10.24	43	1947972	246.410	ug/l	100
60) Dibromochloromethane	10.39	129	599460	51.774	ug/l	99
61) 1,2-Dibromoethane	10.50	107	543429	47.769	ug/l	100
64) Tetrachloroethene	10.11	164	625647	48.878	ug/l	98
65) Chlorobenzene	10.93	112	1517840	49.012	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.01	131	578315	49.950	ug/l	100
67) Ethyl Benzene	11.01	91	2657262	49.855	ug/l	99
68) m/p-Xylenes	11.12	106	2014959	102.616	ug/l	99
69) o-Xylene	11.46	106	978237	50.057	ug/l	98
70) Styrene	11.47	104	1622281	53.147	ug/l	99
71) Bromoform	11.64	173	440881	51.984	ug/l	98
73) Isopropylbenzene	11.76	105	2641669	50.166	ug/l	99
74) N-amyl acetate	11.58	43	724574	44.218	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.02	83	693524	49.106	ug/l	99
76) 1,2,3-Trichloropropane	12.08	75	595380m	46.997	ug/l	
77) Bromobenzene	12.04	156	685042	44.075	ug/l	98
78) n-propylbenzene	12.11	91	2821673	45.485	ug/l	100
79) 2-Chlorotoluene	12.19	91	1713433	49.555	ug/l	99
80) 1,3,5-Trimethylbenzene	12.26	105	2226131	44.592	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.82	75	209393	47.613	ug/l	97
82) 4-Chlorotoluene	12.30	91	1654064	46.049	ug/l	99
83) tert-Butylbenzene	12.52	119	1963854	49.898	ug/l	99
84) 1,2,4-Trimethylbenzene	12.57	105	2132913	44.202	ug/l	99
85) sec-Butylbenzene	12.70	105	2480961	44.037	ug/l	99
86) p-Isopropyltoluene	12.82	119	2230728	45.124	ug/l	99
87) 1,3-Dichlorobenzene	12.81	146	1094287	49.454	ug/l	99
88) 1,4-Dichlorobenzene	12.89	146	1035472	49.390	ug/l	99
89) n-Butylbenzene	13.15	91	1649712	48.302	ug/l	100
90) Hexachloroethane	13.41	117	394827	50.248	ug/l	100
91) 1,2-Dichlorobenzene	13.19	146	1061421	48.036	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.81	75	92884	40.862	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081119\
Quantitation Report (QT Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.45	180	433536	46.705	ug/l	99
94) Hexachlorobutadiene	14.55	225	440070	57.643	ug/l	100
95) Naphthalene	14.67	128	708277	39.740	ug/l	99
96) 1,2,3-Trichlorobenzene	14.83	180	367113	39.263	ug/l	99

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

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