

Data File : VN057201.D
Acq On : 11 Aug 2019 20:43
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
8/12/2019 3:41:55 PM

Quant Time: Aug 12 07:33:11 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	1062955	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.01	114	1564697	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.91	117	1407592	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.88	152	588418	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	561320	51.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.70%	
35) Dibromofluoromethane	6.99	113	516682	52.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.24%	
50) Toluene-d8	9.56	98	1917509	51.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.10%	
62) 4-Bromofluorobenzene	11.92	95	655765	54.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.36%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.82	85	380175	44.500	ug/l	98
3) Chloromethane	2.00	50	463860	40.864	ug/l	99
4) Vinyl Chloride	2.11	62	461526	43.742	ug/l	98
5) Bromomethane	2.43	94	313570	43.739	ug/l	96
6) Chloroethane	2.55	64	318736	47.097	ug/l	99
7) Trichlorofluoromethane	2.82	101	722659	47.649	ug/l	98
8) Diethyl Ether	3.14	74	282715	48.248	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.44	101	441037	47.970	ug/l	99
10) Methyl Iodide	3.63	142	712949	51.315	ug/l	100
11) Tert butyl alcohol	4.23	59	385363	247.721	ug/l	99
12) 1,1-Dichloroethene	3.43	96	433610	47.941	ug/l	99
13) Acrolein	3.31	56	196120	199.284	ug/l	97
14) Allyl chloride	3.91	41	675143	51.364	ug/l	95
15) Acrylonitrile	4.45	53	1056508	250.940	ug/l	99
16) Acetone	3.47	43	803332	243.332	ug/l	100
17) Carbon Disulfide	3.72	76	1110434	46.149	ug/l	100
18) Methyl Acetate	3.89	43	527817	53.709	ug/l	99
19) Methyl tert-butyl Ether	4.49	73	1379955	50.537	ug/l	98
20) Methylene Chloride	4.10	84	510962	46.896	ug/l	99
21) trans-1,2-Dichloroethene	4.50	96	475561	48.267	ug/l	97
22) Diisopropyl ether	5.31	45	1388568	48.432	ug/l	96
23) Vinyl Acetate	5.26	43	5542949	252.470	ug/l	99
24) 1,1-Dichloroethane	5.25	63	851708	48.324	ug/l	98
25) 2-Butanone	6.20	43	1281022	253.969	ug/l	97
26) 2,2-Dichloropropane	6.21	77	549871	42.883	ug/l	99
27) cis-1,2-Dichloroethene	6.21	96	552380	48.938	ug/l	99
28) Bromochloromethane	6.58	49	408015	50.330	ug/l	99
29) Tetrahydrofuran	6.60	42	853893	251.303	ug/l	100
30) Chloroform	6.76	83	879146	48.194	ug/l	100
31) Cyclohexane	7.07	56	711731	44.886	ug/l	99
32) 1,1,1-Trichloroethane	6.98	97	762545	49.831	ug/l	99
36) 1,1-Dichloropropene	7.20	75	641032	49.758	ug/l	99
37) Ethyl Acetate	6.28	43	535441	50.418	ug/l #	98
38) Carbon Tetrachloride	7.18	117	676839	50.412	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.53	83	743635	47.466	ug/l	98
40) Benzene	7.46	78	1981832	48.593	ug/l	98
41) Methacrylonitrile	6.55	41	260515	48.293	ug/l	94
42) 1,2-Dichloroethane	7.54	62	651320	50.075	ug/l	100
43) Isopropyl Acetate	7.56	43	1157788	63.884	ug/l #	90
44) Trichloroethene	8.27	130	566345	49.566	ug/l	98
45) 1,2-Dichloropropane	8.56	63	514899	48.759	ug/l	99
46) Dibromomethane	8.65	93	343465	50.726	ug/l	99
47) Bromodichloromethane	8.85	83	677180	51.688	ug/l	99
48) Methyl methacrylate	8.64	41	426716	49.932	ug/l	99
49) 1,4-Dioxane	8.64	88	186859	1073.578	ug/l	100
51) 4-Methyl-2-Pentanone	9.45	43	2676322	253.738	ug/l	99
52) Toluene	9.63	92	1258629	49.718	ug/l	99
53) t-1,3-Dichloropropene	9.86	75	708868	51.792	ug/l	98
54) cis-1,3-Dichloropropene	9.30	75	803193	51.142	ug/l	100
55) 1,1,2-Trichloroethane	10.04	97	496789	49.903	ug/l	99
56) Ethyl methacrylate	9.90	69	731213	52.459	ug/l	98
57) 1,3-Dichloropropane	10.19	76	819738	49.933	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.15	63	543057	105.698	ug/l	98
59) 2-Hexanone	10.24	43	1902831	266.558	ug/l	99
60) Dibromochloromethane	10.39	129	568673	54.392	ug/l	99
61) 1,2-Dibromoethane	10.50	107	523292	50.940	ug/l	100
64) Tetrachloroethene	10.11	164	572114	48.873	ug/l	95
65) Chlorobenzene	10.93	112	1384533	48.886	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.01	131	530573	50.109	ug/l	98
67) Ethyl Benzene	11.01	91	2395003	49.134	ug/l	99
68) m/p-Xylenes	11.13	106	1817128	101.189	ug/l	99
69) o-Xylene	11.46	106	880899	49.289	ug/l	99
70) Styrene	11.47	104	1465826	52.509	ug/l	100
71) Bromoform	11.64	173	426725	55.017	ug/l #	100
73) Isopropylbenzene	11.76	105	2381432	49.673	ug/l	99
74) N-amyl acetate	11.59	43	711325	47.705	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.03	83	673335	52.702	ug/l	99
76) 1,2,3-Trichloropropane	12.08	75	597038m	52.113	ug/l	
77) Bromobenzene	12.05	156	632236	44.702	ug/l	97
78) n-propylbenzene	12.11	91	2494134	44.183	ug/l	100
79) 2-Chlorotoluene	12.20	91	1545047	49.088	ug/l	100
80) 1,3,5-Trimethylbenzene	12.26	105	1996572	43.951	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.82	75	190557	47.617	ug/l	97
82) 4-Chlorotoluene	12.30	91	1462946	44.758	ug/l	100
83) tert-Butylbenzene	12.52	119	1776773	49.599	ug/l	99
84) 1,2,4-Trimethylbenzene	12.57	105	1905135	43.388	ug/l	100
85) sec-Butylbenzene	12.70	105	2206553	43.041	ug/l	98
86) p-Isopropyltoluene	12.82	119	1973814	43.878	ug/l	99
87) 1,3-Dichlorobenzene	12.81	146	958148	47.586	ug/l	99
88) 1,4-Dichlorobenzene	12.90	146	903371	47.352	ug/l	100
89) n-Butylbenzene	13.15	91	1453771	46.777	ug/l	98
90) Hexachloroethane	13.41	117	361031	50.498	ug/l	100
91) 1,2-Dichlorobenzene	13.19	146	930546	46.280	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.81	75	94880	45.870	ug/l	97

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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	348150	41.914	ug/l	99
94) Hexachlorobutadiene	14.55	225	378789	54.305	ug/l	99
95) Naphthalene	14.67	128	645161	39.773	ug/l	99
96) 1,2,3-Trichlorobenzene	14.83	180	316727	37.523	ug/l	99

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

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