

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101319\
 Data File : VN058722.D
 Acq On : 11 Oct 2019 23:20
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/16/2019 12:48:55 AM

Quant Time: Oct 12 01:15:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 12 00:00:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	411676	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	665548	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	622672	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	308564	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	296628	51.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.94%	
35) Dibromofluoromethane	7.57	113	214638	52.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.42%	
50) Toluene-d8	10.08	98	848480	51.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.22%	
62) 4-Bromofluorobenzene	12.41	95	317211	50.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	268306	52.330	ug/l	99
3) Chloromethane	2.04	50	300129	49.227	ug/l	99
4) Vinyl Chloride	2.17	62	304761	50.188	ug/l	99
5) Bromomethane	2.54	94	185342	50.174	ug/l	99
6) Chloroethane	2.68	64	188728	50.388	ug/l	97
7) Trichlorofluoromethane	3.00	101	377693	51.972	ug/l	99
8) Diethyl Ether	3.39	74	131340	48.914	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.73	101	206523	49.840	ug/l	99
10) Methyl Iodide	3.93	142	282404	49.942	ug/l	99
11) Tert butyl alcohol	4.76	59	233963	250.659	ug/l	99
12) 1,1-Dichloroethene	3.72	96	201116	50.870	ug/l	95
13) Acrolein	3.58	56	174915	233.008	ug/l	99
14) Allyl chloride	4.30	41	388497	48.693	ug/l	100
15) Acrylonitrile	4.96	53	616039	261.714	ug/l	99
16) Acetone	3.79	43	563154	236.023	ug/l	99
17) Carbon Disulfide	4.03	76	618688	48.955	ug/l	99
18) Methyl Acetate	4.30	43	309980	51.217	ug/l	97
19) Methyl tert-butyl Ether	5.02	73	731272	51.799	ug/l	96
20) Methylene Chloride	4.53	84	241470	48.423	ug/l	99
21) trans-1,2-Dichloroethene	5.01	96	220469	49.853	ug/l	97
22) Diisopropyl ether	5.93	45	799676	51.549	ug/l	99
23) Vinyl Acetate	5.87	43	3427067	273.783	ug/l	100
24) 1,1-Dichloroethane	5.83	63	452793	51.249	ug/l	99
25) 2-Butanone	6.81	43	872100	252.876	ug/l	98
26) 2,2-Dichloropropane	6.80	77	334492	41.474	ug/l	99
27) cis-1,2-Dichloroethene	6.81	96	255483	49.541	ug/l	98
28) Bromochloromethane	7.18	49	157383	51.203	ug/l	99
29) Tetrahydrofuran	7.19	42	586061	262.963	ug/l	100
30) Chloroform	7.36	83	443528	49.966	ug/l	98
31) Cyclohexane	7.64	56	409813	48.478	ug/l	97
32) 1,1,1-Trichloroethane	7.55	97	394887	52.163	ug/l	100
36) 1,1-Dichloropropene	7.78	75	336975	50.077	ug/l	99
37) Ethyl Acetate	6.91	43	366503	53.855	ug/l	99
38) Carbon Tetrachloride	7.76	117	344693	52.559	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	394030	50.462	ug/l	99
40) Benzene	8.03	78	997977	51.639	ug/l	98
41) Methacrylonitrile	7.15	41	159623	50.107	ug/l #	34
42) 1,2-Dichloroethane	8.11	62	378342	50.957	ug/l	100
43) Isopropyl Acetate	8.15	43	596286	51.434	ug/l	100
44) Trichloroethene	8.82	130	242982	50.629	ug/l	98
45) 1,2-Dichloropropane	9.11	63	268718	51.940	ug/l	100
46) Dibromomethane	9.20	93	173274	52.825	ug/l	98
47) Bromodichloromethane	9.39	83	355612	53.240	ug/l	99
48) Methyl methacrylate	9.19	41	277112	52.731	ug/l	100
49) 1,4-Dioxane	9.19	88	87769	1079.571	ug/l	100
51) 4-Methyl-2-Pentanone	9.98	43	1853989	284.749	ug/l	99
52) Toluene	10.15	92	615089	52.037	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	391614	51.118	ug/l	97
54) cis-1,3-Dichloropropene	9.83	75	411589	50.601	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	239176	49.438	ug/l	99
56) Ethyl methacrylate	10.43	69	381793	54.018	ug/l	100
57) 1,3-Dichloropropane	10.71	76	426239	51.702	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	929856	272.993	ug/l	99
59) 2-Hexanone	10.75	43	1387287	275.710	ug/l	99
60) Dibromochloromethane	10.90	129	265937	53.287	ug/l	98
61) 1,2-Dibromoethane	11.00	107	252522	52.101	ug/l	100
64) Tetrachloroethene	10.63	164	219935	50.471	ug/l	97
65) Chlorobenzene	11.43	112	642570	50.815	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	244437	52.276	ug/l	99
67) Ethyl Benzene	11.51	91	1199018	53.193	ug/l	100
68) m/p-Xylenes	11.62	106	890156	105.231	ug/l	99
69) o-Xylene	11.95	106	426394	52.099	ug/l	99
70) Styrene	11.97	104	710078	52.935	ug/l	100
71) Bromoform	12.13	173	185025	53.985	ug/l #	98
73) Isopropylbenzene	12.25	105	1174587	52.561	ug/l	99
74) N-amyl acetate	12.07	43	536347	53.438	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	375169	50.962	ug/l	99
76) 1,2,3-Trichloropropane	12.56	75	338244m	49.969	ug/l	
77) Bromobenzene	12.53	156	273138	50.251	ug/l	100
78) n-propylbenzene	12.60	91	1386456	53.243	ug/l	100
79) 2-Chlorotoluene	12.68	91	814797	50.413	ug/l	100
80) 1,3,5-Trimethylbenzene	12.74	105	1005016	52.678	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	124034	49.083	ug/l	98
82) 4-Chlorotoluene	12.78	91	837836	50.517	ug/l	99
83) tert-Butylbenzene	13.00	119	844830	51.690	ug/l	99
84) 1,2,4-Trimethylbenzene	13.05	105	1014828	53.582	ug/l	100
85) sec-Butylbenzene	13.18	105	1160467	53.885	ug/l	99
86) p-Isopropyltoluene	13.29	119	1045890	53.435	ug/l	99
87) 1,3-Dichlorobenzene	13.29	146	507849	50.662	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	504334	49.484	ug/l	100
89) n-Butylbenzene	13.62	91	947205	52.336	ug/l	99
90) Hexachloroethane	13.88	117	185876	53.073	ug/l	98
91) 1,2-Dichlorobenzene	13.66	146	496987	50.869	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.28	75	86084	50.053	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.92	180	299215	50.205	ug/l	99
94) Hexachlorobutadiene	15.02	225	150215	47.862	ug/l	98
95) Naphthalene	15.13	128	879787	51.364	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	287664	49.438	ug/l	100

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

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