

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060519\
 Data File : VN055995.D
 Acq On : 5 Jun 2019 8:59
 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
 6/6/2019 12:04:42 PM

Quant Time: Jun 06 01:28:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	356829	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	516877	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	466389	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	216602	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.02	65	169534	47.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.70%	
35) Dibromofluoromethane	7.59	113	155772	49.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.24%	
50) Toluene-d8	10.09	98	611595	50.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.24%	
62) 4-Bromofluorobenzene	12.40	95	214855	51.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	194202	49.543	ug/l	100
3) Chloromethane	2.06	50	196578	50.821	ug/l	100
4) Vinyl Chloride	2.18	62	198589	51.183	ug/l	99
5) Bromomethane	2.53	94	127911	52.188	ug/l	98
6) Chloroethane	2.68	64	115705	51.433	ug/l	98
7) Trichlorofluoromethane	3.00	101	249214	50.313	ug/l	99
8) Diethyl Ether	3.40	74	101175	49.670	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.74	101	155959	51.833	ug/l	99
10) Methyl Iodide	3.94	142	240483	50.294	ug/l	98
11) Tert butyl alcohol	4.81	59	131137	212.691	ug/l	99
12) 1,1-Dichloroethene	3.72	96	151481	50.569	ug/l	97
13) Acrolein	3.60	56	38788	218.130	ug/l	98
14) Allyl chloride	4.31	41	238774	50.480	ug/l	99
15) Acrylonitrile	4.99	53	376832	251.073	ug/l	100
16) Acetone	3.82	43	442196	260.958	ug/l	99
17) Carbon Disulfide	4.04	76	375113	52.300	ug/l	100
18) Methyl Acetate	4.32	43	160064	48.066	ug/l	97
19) Methyl tert-butyl Ether	5.04	73	477553	50.014	ug/l	99
20) Methylene Chloride	4.54	84	172291	49.351	ug/l	96
21) trans-1,2-Dichloroethene	5.03	96	162612	50.665	ug/l	96
22) Diisopropyl ether	5.95	45	482947	49.392	ug/l	98
23) Vinyl Acetate	5.89	43	1992515	258.767	ug/l	99
24) 1,1-Dichloroethane	5.84	63	280516	49.735	ug/l	99
25) 2-Butanone	6.84	43	548809	256.338	ug/l	99
26) 2,2-Dichloropropane	6.82	77	226063	51.365	ug/l	100
27) cis-1,2-Dichloroethene	6.82	96	189881	50.329	ug/l	97
28) Bromochloromethane	7.19	49	128639	48.229	ug/l	97
29) Tetrahydrofuran	7.21	42	320383	242.088	ug/l	98
30) Chloroform	7.37	83	282412	49.774	ug/l	99
31) Cyclohexane	7.65	56	269212	47.885	ug/l	95
32) 1,1,1-Trichloroethane	7.57	97	242600	51.203	ug/l	99
36) 1,1-Dichloropropene	7.79	75	216083	48.619	ug/l	99
37) Ethyl Acetate	6.93	43	198264	50.137	ug/l	100
38) Carbon Tetrachloride	7.77	117	204225	49.841	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	279499	50.483	ug/l	99
40) Benzene	8.04	78	671375	49.736	ug/l	99
41) Methacrylonitrile	7.17	41	88359	48.564	ug/l	91
42) 1,2-Dichloroethane	8.12	62	206484	47.554	ug/l	99
43) Isopropyl Acetate	8.16	43	319838	49.912	ug/l #	92
44) Trichloroethene	8.83	130	193561	49.902	ug/l	100
45) 1,2-Dichloropropane	9.12	63	171447	49.586	ug/l	98
46) Dibromomethane	9.20	93	112944	49.953	ug/l	99
47) Bromodichloromethane	9.40	83	212497	51.855	ug/l	98
48) Methyl methacrylate	9.20	41	154224	49.194	ug/l	96
49) 1,4-Dioxane	9.20	88	65278	964.492	ug/l	99
51) 4-Methyl-2-Pentanone	9.98	43	984924	245.783	ug/l	98
52) Toluene	10.15	92	427178	50.856	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	233640	48.696	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	266014	54.005	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	167790	50.429	ug/l	99
56) Ethyl methacrylate	10.43	69	254991	52.531	ug/l	97
57) 1,3-Dichloropropane	10.71	76	272739	50.424	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	443703	231.703	ug/l	98
59) 2-Hexanone	10.75	43	734232	252.800	ug/l	99
60) Dibromochloromethane	10.90	129	177896	48.552	ug/l	99
61) 1,2-Dibromoethane	11.00	107	177573	52.205	ug/l	99
64) Tetrachloroethene	10.63	164	196217	48.603	ug/l	99
65) Chlorobenzene	11.43	112	461412	49.710	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	167724	52.332	ug/l	99
67) Ethyl Benzene	11.51	91	814818	50.484	ug/l	98
68) m/p-Xylenes	11.62	106	629686	102.128	ug/l	98
69) o-Xylene	11.94	106	306077	50.467	ug/l	99
70) Styrene	11.96	104	515777	53.524	ug/l	99
71) Bromoform	12.12	173	128771	47.974	ug/l #	100
73) Isopropylbenzene	12.25	105	809255	52.538	ug/l	100
74) N-amyl acetate	12.07	43	276979	47.971	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.50	83	231672	46.074	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	195119m	48.956	ug/l	
77) Bromobenzene	12.52	156	219320	47.294	ug/l	95
78) n-propylbenzene	12.59	91	882096	48.138	ug/l	99
79) 2-Chlorotoluene	12.67	91	529936	52.243	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	680611	46.734	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	63847	53.348	ug/l	96
82) 4-Chlorotoluene	12.77	91	527873	49.239	ug/l	99
83) tert-Butylbenzene	12.99	119	591560	52.488	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	676777	49.004	ug/l	99
85) sec-Butylbenzene	13.17	105	771665	47.552	ug/l	100
86) p-Isopropyltoluene	13.29	119	712873	49.084	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	360389	50.212	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	347571	50.341	ug/l	100
89) n-Butylbenzene	13.61	91	563672	52.392	ug/l	99
90) Hexachloroethane	13.87	117	110489	50.446	ug/l	96
91) 1,2-Dichlorobenzene	13.65	146	353749	48.818	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	37549	52.210	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	185356	46.724	ug/l	99
94) Hexachlorobutadiene	15.01	225	131834	53.177	ug/l	100
95) Naphthalene	15.13	128	469068	45.640	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	190055	46.902	ug/l	99

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

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