

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN110119\
 Data File : VN059054.D
 Acq On : 1 Nov 2019 11:31
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 11/5/2019 1:58:49 PM

Quant Time: Nov 02 04:48:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 05:16:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	582479	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	918800	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	841395	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	406596	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	377944	45.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.28%	
35) Dibromofluoromethane	7.57	113	290863	48.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.66%	
50) Toluene-d8	10.08	98	1153727	49.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.28%	
62) 4-Bromofluorobenzene	12.40	95	416501	48.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	248042	35.205	ug/l	99
3) Chloromethane	2.04	50	330558	37.359	ug/l	100
4) Vinyl Chloride	2.17	62	323317	36.953	ug/l	99
5) Bromomethane	2.54	94	178213	33.104	ug/l	99
6) Chloroethane	2.68	64	187626	33.756	ug/l	100
7) Trichlorofluoromethane	2.99	101	388488	36.135	ug/l	98
8) Diethyl Ether	3.39	74	147481	38.575	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.73	101	224724	37.038	ug/l	99
10) Methyl Iodide	3.92	142	276766	35.367	ug/l	97
11) Tert butyl alcohol	4.75	59	276226	195.192	ug/l	99
12) 1,1-Dichloroethene	3.71	96	218897	38.375	ug/l	96
13) Acrolein	3.58	56	164912	172.756	ug/l	98
14) Allyl chloride	4.29	41	446862	38.797	ug/l	98
15) Acrylonitrile	4.95	53	707741	200.194	ug/l	100
16) Acetone	3.79	43	766432	185.702	ug/l	98
17) Carbon Disulfide	4.03	76	694466	37.967	ug/l	100
18) Methyl Acetate	4.29	43	355225	37.178	ug/l	100
19) Methyl tert-butyl Ether	5.01	73	771645	38.879	ug/l	100
20) Methylene Chloride	4.52	84	255152	35.717	ug/l	99
21) trans-1,2-Dichloroethene	5.01	96	241000	38.441	ug/l	99
22) Diisopropyl ether	5.92	45	877982	39.180	ug/l	99
23) Vinyl Acetate	5.87	43	3719800	207.672	ug/l	100
24) 1,1-Dichloroethane	5.82	63	476219	36.647	ug/l	99
25) 2-Butanone	6.81	43	1035353	192.029	ug/l	100
26) 2,2-Dichloropropane	6.80	77	411132	36.714	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	274706	38.431	ug/l	99
28) Bromochloromethane	7.17	49	163500	38.355	ug/l	98
29) Tetrahydrofuran	7.19	42	661549	200.088	ug/l	100
30) Chloroform	7.35	83	459305	35.472	ug/l	100
31) Cyclohexane	7.63	56	456208	37.752	ug/l	100
32) 1,1,1-Trichloroethane	7.55	97	395367	36.312	ug/l	99
36) 1,1-Dichloropropene	7.77	75	360644	38.981	ug/l	100
37) Ethyl Acetate	6.90	43	400087	39.613	ug/l	99
38) Carbon Tetrachloride	7.75	117	346925	36.454	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	426926	40.744	ug/l	98
40) Benzene	8.02	78	1066494	39.092	ug/l	100
41) Methacrylonitrile	7.15	41	168409m	36.799	ug/l	
42) 1,2-Dichloroethane	8.10	62	372415	35.982	ug/l	98
43) Isopropyl Acetate	8.14	43	629576	38.791	ug/l	99
44) Trichloroethene	8.82	130	257887	38.716	ug/l	99
45) 1,2-Dichloropropane	9.10	63	289141	38.675	ug/l	100
46) Dibromomethane	9.19	93	178152	37.843	ug/l	99
47) Bromodichloromethane	9.39	83	363774	37.582	ug/l	99
48) Methyl methacrylate	9.18	41	291823	39.885	ug/l	99
49) 1,4-Dioxane	9.18	88	102281	831.215	ug/l	99
51) 4-Methyl-2-Pentanone	9.97	43	1970433	208.856	ug/l	99
52) Toluene	10.15	92	651006	40.320	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	419831	39.070	ug/l	100
54) cis-1,3-Dichloropropene	9.83	75	456624	39.673	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	249672	37.481	ug/l	98
56) Ethyl methacrylate	10.42	69	410426	41.732	ug/l	99
57) 1,3-Dichloropropane	10.70	76	445148	38.230	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	581250	140.552	ug/l	100
59) 2-Hexanone	10.75	43	1503341	206.576	ug/l	100
60) Dibromochloromethane	10.90	129	280037	39.108	ug/l	99
61) 1,2-Dibromoethane	11.00	107	265708	39.059	ug/l	100
64) Tetrachloroethene	10.63	164	228119	39.148	ug/l	99
65) Chlorobenzene	11.43	112	672075	39.625	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	251805	39.413	ug/l	100
67) Ethyl Benzene	11.51	91	1247903	42.049	ug/l	99
68) m/p-Xylenes	11.62	106	929979	84.615	ug/l	100
69) o-Xylene	11.95	106	438888	41.757	ug/l	100
70) Styrene	11.96	104	736075	42.945	ug/l	99
71) Bromoform	12.13	173	200502	40.277	ug/l #	99
73) Isopropylbenzene	12.25	105	1185425	40.235	ug/l	100
74) N-amyl acetate	12.07	43	546576	41.183	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	390924	37.745	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	360990m	38.279	ug/l	
77) Bromobenzene	12.53	156	285270	39.225	ug/l	99
78) n-propylbenzene	12.59	91	1416325	40.717	ug/l	100
79) 2-Chlorotoluene	12.68	91	837211	39.268	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1017880	41.259	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	144154	39.900	ug/l	98
82) 4-Chlorotoluene	12.78	91	863760	39.759	ug/l	99
83) tert-Butylbenzene	13.00	119	844280	39.961	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	1016998	41.822	ug/l	99
85) sec-Butylbenzene	13.17	105	1149381	40.896	ug/l	100
86) p-Isopropyltoluene	13.29	119	1047570	42.178	ug/l	99
87) 1,3-Dichlorobenzene	13.29	146	514314	39.661	ug/l	100
88) 1,4-Dichlorobenzene	13.37	146	516102	39.778	ug/l	99
89) n-Butylbenzene	13.62	91	945011	41.672	ug/l	99
90) Hexachloroethane	13.88	117	191558	37.999	ug/l	99
91) 1,2-Dichlorobenzene	13.66	146	503448	39.573	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	84849	36.641	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	300131	42.980	ug/l	99
94) Hexachlorobutadiene	15.01	225	164183	39.614	ug/l	99
95) Naphthalene	15.13	128	848675	43.876	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	299352	43.560	ug/l	100

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

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