

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112719\
 Data File : VN059421.D
 Acq On : 27 Nov 2019 13:45
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

apatel
 12/2/2019 10:08:53 AM

Quant Time: Nov 28 02:05:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112719W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 16:56:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	376276	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	585626	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	519860	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	238971	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	222898	50.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.14%	
35) Dibromofluoromethane	7.57	113	185586	52.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.06%	
50) Toluene-d8	10.08	98	734428	51.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.34%	
62) 4-Bromofluorobenzene	12.40	95	251769	50.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	158492	35.787	ug/l	98
3) Chloromethane	2.04	50	186873	34.544	ug/l	99
4) Vinyl Chloride	2.17	62	182024	35.015	ug/l	99
5) Bromomethane	2.55	94	104908	33.518	ug/l	95
6) Chloroethane	2.68	64	101660	34.879	ug/l	99
7) Trichlorofluoromethane	3.00	101	211465	34.152	ug/l	100
8) Diethyl Ether	3.39	74	85501	33.929	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.74	101	129075	33.847	ug/l	99
10) Methyl Iodide	3.93	142	171108	34.472	ug/l	99
11) Tert butyl alcohol	4.76	59	127643	167.167	ug/l #	85
12) 1,1-Dichloroethene	3.72	96	130280	34.884	ug/l	99
13) Acrolein	3.58	56	183706	246.463	ug/l	100
14) Allyl chloride	4.30	41	235705	34.029	ug/l	99
15) Acrylonitrile	4.95	53	378981	178.119	ug/l	99
16) Acetone	3.79	43	357677	170.337	ug/l	99
17) Carbon Disulfide	4.03	76	419442	32.728	ug/l	100
18) Methyl Acetate	4.30	43	194208	33.963	ug/l	99
19) Methyl tert-butyl Ether	5.01	73	416999	34.650	ug/l	99
20) Methylene Chloride	4.53	84	143133	33.547	ug/l	99
21) trans-1,2-Dichloroethene	5.01	96	140090	34.429	ug/l	99
22) Diisopropyl ether	5.92	45	446191	34.665	ug/l	99
23) Vinyl Acetate	5.87	43	1885262	181.548	ug/l	100
24) 1,1-Dichloroethane	5.82	63	258545	34.911	ug/l	100
25) 2-Butanone	6.81	43	515418	178.425	ug/l	99
26) 2,2-Dichloropropane	6.80	77	215136	34.135	ug/l	99
27) cis-1,2-Dichloroethene	6.80	96	152784	34.332	ug/l	99
28) Bromochloromethane	7.17	49	130574	41.433	ug/l	99
29) Tetrahydrofuran	7.19	42	342046	178.036	ug/l	100
30) Chloroform	7.35	83	245758	32.977	ug/l	99
31) Cyclohexane	7.63	56	244833	32.977	ug/l	99
32) 1,1,1-Trichloroethane	7.55	97	209916	34.444	ug/l	100
36) 1,1-Dichloropropene	7.77	75	193118	34.292	ug/l	99
37) Ethyl Acetate	6.91	43	203909	34.222	ug/l	99
38) Carbon Tetrachloride	7.75	117	184137	34.646	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	231821	34.408	ug/l	99
40) Benzene	8.02	78	575132	34.395	ug/l	99
41) Methacrylonitrile	7.15	41	81724m	29.456	ug/l	
42) 1,2-Dichloroethane	8.10	62	185826	35.047	ug/l	100
43) Isopropyl Acetate	8.15	43	317684	35.096	ug/l	100
44) Trichloroethene	8.82	130	147158	34.515	ug/l	99
45) 1,2-Dichloropropane	9.10	63	153147	35.015	ug/l	99
46) Dibromomethane	9.20	93	94230	34.912	ug/l	98
47) Bromodichloromethane	9.39	83	188387	34.509	ug/l	100
48) Methyl methacrylate	9.19	41	140069	34.879	ug/l	100
49) 1,4-Dioxane	9.19	88	39324	670.468	ug/l	96
51) 4-Methyl-2-Pentanone	9.98	43	968216	184.410	ug/l	100
52) Toluene	10.15	92	344403	34.476	ug/l	98
53) t-1,3-Dichloropropene	10.37	75	217194	34.625	ug/l	98
54) cis-1,3-Dichloropropene	9.83	75	237345	35.051	ug/l	96
55) 1,1,2-Trichloroethane	10.56	97	132562	33.903	ug/l	99
56) Ethyl methacrylate	10.42	69	203680	38.009	ug/l	98
57) 1,3-Dichloropropane	10.70	76	234386	34.683	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	299542	178.794	ug/l	100
59) 2-Hexanone	10.75	43	715263	183.719	ug/l	99
60) Dibromochloromethane	10.90	129	144948	35.513	ug/l	100
61) 1,2-Dibromoethane	11.00	107	141324	35.272	ug/l	98
64) Tetrachloroethene	10.63	164	128983	33.544	ug/l	98
65) Chlorobenzene	11.43	112	358332	34.048	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	133867	35.075	ug/l	99
67) Ethyl Benzene	11.51	91	643331	34.802	ug/l	99
68) m/p-Xylenes	11.62	106	483363	70.034	ug/l	99
69) o-Xylene	11.95	106	229706	34.704	ug/l	99
70) Styrene	11.96	104	370026	37.888	ug/l	100
71) Bromoform	12.13	173	103775	35.710	ug/l #	100
73) Isopropylbenzene	12.25	105	612433	34.594	ug/l	100
74) N-amyl acetate	12.07	43	244342	39.833	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	200523	34.733	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	178483m	33.015	ug/l	
77) Bromobenzene	12.53	156	147938	34.132	ug/l	99
78) n-propylbenzene	12.59	91	710533	34.829	ug/l	100
79) 2-Chlorotoluene	12.68	91	415018	34.027	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	519458	34.907	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	72310	34.368	ug/l	97
82) 4-Chlorotoluene	12.77	91	426542	33.990	ug/l	100
83) tert-Butylbenzene	12.99	119	435676	34.096	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	506649	34.755	ug/l	99
85) sec-Butylbenzene	13.17	105	593022	34.948	ug/l	99
86) p-Isopropyltoluene	13.29	119	527148	34.363	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	259893	33.835	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	256398	33.249	ug/l	100
89) n-Butylbenzene	13.62	91	444960	33.181	ug/l	99
90) Hexachloroethane	13.88	117	97459	33.239	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	250721	33.312	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	39291	40.193	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	146033	31.213	ug/l	100
94) Hexachlorobutadiene	15.01	225	92150	32.139	ug/l	99
95) Naphthalene	15.13	128	384790	38.456	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	148270	38.310	ug/l	100

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

