

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072719\
 Data File : VN056941.D
 Acq On : 26 Jul 2019 10:34
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 8/2/2019 9:13:14 AM

Quant Time: Jul 27 00:42:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072719W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 26 23:57:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	628137	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	914946	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	797460	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	349948	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	339290	52.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.06%	
35) Dibromofluoromethane	7.57	113	308634	53.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.38%	
50) Toluene-d8	10.08	98	1169659	53.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.12%	
62) 4-Bromofluorobenzene	12.39	95	382303	53.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.84	85	346988	52.361	ug/l	100
3) Chloromethane	2.05	50	369046	46.744	ug/l	100
4) Vinyl Chloride	2.18	62	359683	48.070	ug/l	100
5) Bromomethane	2.55	94	213423	47.217	ug/l	100
6) Chloroethane	2.69	64	195670	47.190	ug/l	100
7) Trichlorofluoromethane	3.00	101	474046	48.576	ug/l	100
8) Diethyl Ether	3.39	74	178651	48.892	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.74	101	294600	48.858	ug/l	100
10) Methyl Iodide	3.94	142	421799	48.390	ug/l	100
11) Tert butyl alcohol	4.77	59	231304	247.437	ug/l	100
12) 1,1-Dichloroethene	3.72	96	281616	48.600	ug/l	100
13) Acrolein	3.59	56	111770	217.066	ug/l	100
14) Allyl chloride	4.30	41	466507	49.534	ug/l	100
15) Acrylonitrile	4.96	53	696640	260.773	ug/l	100
16) Acetone	3.80	43	630250	282.973	ug/l	100
17) Carbon Disulfide	4.04	76	735210	47.303	ug/l	100
18) Methyl Acetate	4.31	43	382288	49.391	ug/l	100
19) Methyl tert-butyl Ether	5.02	73	863509	50.449	ug/l	100
20) Methylene Chloride	4.53	84	316688	45.865	ug/l	100
21) trans-1,2-Dichloroethene	5.02	96	297295	47.969	ug/l	100
22) Diisopropyl ether	5.93	45	940541	49.201	ug/l	100
23) Vinyl Acetate	5.88	43	3465151	261.685	ug/l	100
24) 1,1-Dichloroethane	5.83	63	546062	48.542	ug/l	100
25) 2-Butanone	6.82	43	934958	273.554	ug/l	100
26) 2,2-Dichloropropane	6.81	77	416789	50.382	ug/l	100
27) cis-1,2-Dichloroethene	6.81	96	346650	49.000	ug/l	100
28) Bromochloromethane	7.18	49	243925	47.252	ug/l	100
29) Tetrahydrofuran	7.19	42	604793	270.513	ug/l	100
30) Chloroform	7.36	83	536474	46.323	ug/l	100
31) Cyclohexane	7.64	56	518979	47.429	ug/l	100
32) 1,1,1-Trichloroethane	7.55	97	444898	48.059	ug/l	100
36) 1,1-Dichloropropene	7.78	75	409997	49.654	ug/l	100
37) Ethyl Acetate	6.91	43	366021	53.992	ug/l	100
38) Carbon Tetrachloride	7.76	117	398146	50.641	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	537045	53.199	ug/l	100
40) Benzene	8.03	78	1254981	48.931	ug/l	100
41) Methacrylonitrile	7.15	41	150225	49.816	ug/l	100
42) 1,2-Dichloroethane	8.11	62	385467	48.733	ug/l	100
43) Isopropyl Acetate	8.15	43	582414	52.518	ug/l	100
44) Trichloroethene	8.82	130	339897	48.757	ug/l	100
45) 1,2-Dichloropropane	9.11	63	332757	48.389	ug/l	100
46) Dibromomethane	9.20	93	208558	50.217	ug/l	100
47) Bromodichloromethane	9.39	83	408738	50.354	ug/l	100
48) Methyl methacrylate	9.19	41	283529	53.538	ug/l	100
49) 1,4-Dioxane	9.19	88	110467	1008.064	ug/l	100
51) 4-Methyl-2-Pentanone	9.97	43	1755823	266.308	ug/l	100
52) Toluene	10.15	92	769223	50.134	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	431662	52.595	ug/l	100
54) cis-1,3-Dichloropropene	9.83	75	498177	51.740	ug/l	100
55) 1,1,2-Trichloroethane	10.55	97	303305	49.108	ug/l	100
56) Ethyl methacrylate	10.42	69	444506	53.326	ug/l	100
57) 1,3-Dichloropropane	10.70	76	503676	49.909	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	959448	289.881	ug/l	100
59) 2-Hexanone	10.74	43	1271095	280.604	ug/l	100
60) Dibromochloromethane	10.89	129	328777	52.164	ug/l	100
61) 1,2-Dibromoethane	11.00	107	308373	50.463	ug/l	100
64) Tetrachloroethene	10.62	164	332324	46.653	ug/l	100
65) Chlorobenzene	11.43	112	811639	49.333	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	310489	50.549	ug/l	100
67) Ethyl Benzene	11.50	91	1443302	50.970	ug/l	100
68) m/p-Xylenes	11.61	106	1082797	102.668	ug/l	100
69) o-Xylene	11.94	106	520541	50.442	ug/l	100
70) Styrene	11.96	104	872929	53.397	ug/l	100
71) Bromoform	12.12	173	233644	54.201	ug/l	100
73) Isopropylbenzene	12.24	105	1400946	44.667	ug/l	100
74) N-amyl acetate	12.06	43	452108	48.812	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	409443	44.797	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	339141m	49.494	ug/l	
77) Bromobenzene	12.52	156	366474	45.625	ug/l	100
78) n-propylbenzene	12.58	91	1560453	47.086	ug/l	100
79) 2-Chlorotoluene	12.67	91	920579	44.618	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1174326	45.337	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	119137	53.615	ug/l	100
82) 4-Chlorotoluene	12.77	91	907845	47.948	ug/l	100
83) tert-Butylbenzene	12.99	119	1011066	44.241	ug/l	100
84) 1,2,4-Trimethylbenzene	13.03	105	1150284	46.954	ug/l	100
85) sec-Butylbenzene	13.17	105	1343531	46.556	ug/l	100
86) p-Isopropyltoluene	13.28	119	1230140	48.177	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	594263	49.520	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	573474	49.758	ug/l	100
89) n-Butylbenzene	13.61	91	991962	50.265	ug/l	100
90) Hexachloroethane	13.87	117	204298	44.918	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	587734	48.313	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.26	75	64260	51.468	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	296616	58.428	ug/l	100
94) Hexachlorobutadiene	15.00	225	221332	44.848	ug/l	100
95) Naphthalene	15.12	128	709266	56.084	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	300066	55.065	ug/l	100

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

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