

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN100319\
 Data File : VN058525.D
 Acq On : 3 Oct 2019 20:52
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/7/2019 10:36:28 AM

Quant Time: Oct 05 00:25:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 30 08:07:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	330101	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	580055	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	541407	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	266608	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	247057	51.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.44%	
35) Dibromofluoromethane	7.57	113	173753	48.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.74%	
50) Toluene-d8	10.08	98	677110	48.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.24%	
62) 4-Bromofluorobenzene	12.40	95	254233	50.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	184706	51.030	ug/l	100
3) Chloromethane	2.04	50	227711	57.224	ug/l	99
4) Vinyl Chloride	2.17	62	212512	54.516	ug/l	99
5) Bromomethane	2.54	94	85219	41.158	ug/l	98
6) Chloroethane	2.68	64	130699	55.958	ug/l	99
7) Trichlorofluoromethane	3.00	101	244002	51.870	ug/l	98
8) Diethyl Ether	3.39	74	111540	54.955	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.73	101	161494	50.550	ug/l	97
10) Methyl Iodide	3.93	142	126978	35.845	ug/l	98
11) Tert butyl alcohol	4.75	59	152778	285.089	ug/l	96
12) 1,1-Dichloroethene	3.71	96	157333	50.524	ug/l	96
13) Acrolein	3.59	56	22557	132.340	ug/l	90
14) Allyl chloride	4.30	41	302676	53.410	ug/l	98
15) Acrylonitrile	4.96	53	457070	292.649	ug/l	100
16) Acetone	3.79	43	393617	239.365	ug/l	99
17) Carbon Disulfide	4.03	76	429008	52.263	ug/l	98
18) Methyl Acetate	4.30	43	242884	58.726	ug/l	100
19) Methyl tert-butyl Ether	5.02	73	610563	55.570	ug/l	98
20) Methylene Chloride	4.53	84	199100	52.465	ug/l	100
21) trans-1,2-Dichloroethene	5.02	96	179548	51.850	ug/l	96
22) Diisopropyl ether	5.93	45	686427	56.288	ug/l	100
23) Vinyl Acetate	5.87	43	2816842	306.341	ug/l	99
24) 1,1-Dichloroethane	5.82	63	378416	55.137	ug/l	99
25) 2-Butanone	6.81	43	615699	272.707	ug/l	99
26) 2,2-Dichloropropane	6.80	77	280377	49.691	ug/l	100
27) cis-1,2-Dichloroethene	6.81	96	215931	53.353	ug/l	100
28) Bromochloromethane	7.18	49	145023	52.862	ug/l	97
29) Tetrahydrofuran	7.19	42	408924	285.369	ug/l	100
30) Chloroform	7.35	83	386867	55.626	ug/l	97
31) Cyclohexane	7.63	56	308706	46.241	ug/l	100
32) 1,1,1-Trichloroethane	7.55	97	313520	54.896	ug/l	99
36) 1,1-Dichloropropene	7.78	75	272320	49.098	ug/l	99
37) Ethyl Acetate	6.91	43	267469	56.879	ug/l	100
38) Carbon Tetrachloride	7.75	117	260165	51.966	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	300272	46.359	ug/l	98
40) Benzene	8.02	78	828487	51.965	ug/l	100
41) Methacrylonitrile	7.15	41	127855m	59.100	ug/l	
42) 1,2-Dichloroethane	8.11	62	326665	52.665	ug/l	100
43) Isopropyl Acetate	8.15	43	472390	53.421	ug/l #	91
44) Trichloroethene	8.82	130	202879	51.536	ug/l	97
45) 1,2-Dichloropropane	9.11	63	231076	54.042	ug/l	96
46) Dibromomethane	9.20	93	148820	54.959	ug/l	96
47) Bromodichloromethane	9.39	83	293080	57.125	ug/l	99
48) Methyl methacrylate	9.19	41	228802	56.823	ug/l	99
49) 1,4-Dioxane	9.19	88	67966	1262.367	ug/l	100
51) 4-Methyl-2-Pentanone	9.98	43	1397403	307.646	ug/l	99
52) Toluene	10.15	92	505854	50.409	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	319686	57.249	ug/l	100
54) cis-1,3-Dichloropropene	9.83	75	344670	55.604	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	205474	56.233	ug/l	100
56) Ethyl methacrylate	10.43	69	328635	59.272	ug/l	99
57) 1,3-Dichloropropane	10.71	76	363285	55.739	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	806102	364.611	ug/l	98
59) 2-Hexanone	10.75	43	1011007	305.677	ug/l	99
60) Dibromochloromethane	10.90	129	211494	55.960	ug/l	99
61) 1,2-Dibromoethane	11.00	107	212109	56.811	ug/l	99
64) Tetrachloroethene	10.63	164	178199	51.806	ug/l	97
65) Chlorobenzene	11.43	112	544758	50.619	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	197992	54.604	ug/l	99
67) Ethyl Benzene	11.51	91	1000944	51.349	ug/l	99
68) m/p-Xylenes	11.62	106	731663	99.763	ug/l	98
69) o-Xylene	11.95	106	354396	50.197	ug/l	97
70) Styrene	11.97	104	624023	54.407	ug/l	99
71) Bromoform	12.13	173	129957	51.837	ug/l #	98
73) Isopropylbenzene	12.25	105	956438	48.543	ug/l	99
74) N-amyl acetate	12.07	43	464694	59.284	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	305853	52.496	ug/l	100
76) 1,2,3-Trichloropropane	12.56	75	261326m	53.665	ug/l	
77) Bromobenzene	12.53	156	227516	49.247	ug/l	96
78) n-propylbenzene	12.60	91	1141419	51.421	ug/l	99
79) 2-Chlorotoluene	12.68	91	675381	49.294	ug/l	100
80) 1,3,5-Trimethylbenzene	12.74	105	825058	50.024	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	82575	51.501	ug/l	97
82) 4-Chlorotoluene	12.78	91	695560	49.752	ug/l	100
83) tert-Butylbenzene	13.00	119	683464	49.109	ug/l	99
84) 1,2,4-Trimethylbenzene	13.05	105	829571	50.202	ug/l	98
85) sec-Butylbenzene	13.18	105	922624	50.367	ug/l	99
86) p-Isopropyltoluene	13.29	119	845853	52.458	ug/l	99
87) 1,3-Dichlorobenzene	13.29	146	419515	50.079	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	415491	49.851	ug/l	99
89) n-Butylbenzene	13.62	91	795723	54.479	ug/l	99
90) Hexachloroethane	13.88	117	123244	50.872	ug/l	95
91) 1,2-Dichlorobenzene	13.66	146	413096	51.322	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.28	75	57742	56.201	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.92	180	255224	57.381	ug/l	100
94) Hexachlorobutadiene	15.02	225	115681	50.601	ug/l	99
95) Naphthalene	15.13	128	755009	57.968	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	244721	54.882	ug/l	98

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

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