

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091719\
 Data File : VN058150.D
 Acq On : 17 Sep 2019 15:28
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/18/2019 4:41:53 PM

Quant Time: Sep 18 08:28:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 03:02:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	313806	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	502708	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	483793	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	303888	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	335238	52.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.48%	
35) Dibromofluoromethane	7.57	113	243664	52.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.04%	
50) Toluene-d8	10.09	98	962043	53.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.80%	
62) 4-Bromofluorobenzene	12.40	95	372095	54.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	221745	51.096	ug/l	100
3) Chloromethane	2.04	50	177107	40.041	ug/l	99
4) Vinyl Chloride	2.17	62	193140	41.257	ug/l	98
5) Bromomethane	2.54	94	100126	38.574	ug/l	98
6) Chloroethane	2.68	64	126099	42.272	ug/l	97
7) Trichlorofluoromethane	3.00	101	277415	47.089	ug/l	99
8) Diethyl Ether	3.39	74	130597	53.150	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.74	101	202716	54.547	ug/l	99
10) Methyl Iodide	3.93	142	155451	37.588	ug/l	99
11) Tert butyl alcohol	4.75	59	199510	259.351	ug/l	100
12) 1,1-Dichloroethene	3.72	96	165079	49.403	ug/l	94
13) Acrolein	3.58	56	84173	128.973	ug/l	99
14) Allyl chloride	4.30	41	303440	46.403	ug/l	90
15) Acrylonitrile	4.96	53	596844	282.276	ug/l	100
16) Acetone	3.79	43	532581	255.609	ug/l	98
17) Carbon Disulfide	4.03	76	221322	42.580	ug/l	99
18) Methyl Acetate	4.30	43	324197	58.357	ug/l	99
19) Methyl tert-butyl Ether	5.01	73	805432	57.920	ug/l	98
20) Methylene Chloride	4.53	84	230868	58.411	ug/l	99
21) trans-1,2-Dichloroethene	5.01	96	180789	50.050	ug/l	99
22) Diisopropyl ether	5.92	45	884163	57.656	ug/l	97
23) Vinyl Acetate	5.87	43	3248868	298.936	ug/l	100
24) 1,1-Dichloroethane	5.82	63	463049	55.249	ug/l	100
25) 2-Butanone	6.81	43	826713	274.139	ug/l	99
26) 2,2-Dichloropropane	6.81	77	375982	56.687	ug/l	99
27) cis-1,2-Dichloroethene	6.81	96	267581	55.277	ug/l	99
28) Bromochloromethane	7.17	49	230278	54.997	ug/l	96
29) Tetrahydrofuran	7.19	42	514433	276.834	ug/l	98
30) Chloroform	7.36	83	491900	56.132	ug/l	98
31) Cyclohexane	7.64	56	303690	53.321	ug/l	99
32) 1,1,1-Trichloroethane	7.55	97	390138	56.134	ug/l	100
36) 1,1-Dichloropropene	7.78	75	300203	51.492	ug/l	99
37) Ethyl Acetate	6.91	43	335904	55.765	ug/l	98
38) Carbon Tetrachloride	7.76	117	303626	57.042	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	315470	51.474	ug/l	98
40) Benzene	8.03	78	951860	54.230	ug/l	99
41) Methacrylonitrile	7.16	41	157774m	57.702	ug/l	
42) 1,2-Dichloroethane	8.11	62	400455	57.046	ug/l	100
43) Isopropyl Acetate	8.15	43	637016	62.886	ug/l #	89
44) Trichloroethene	8.82	130	236137	54.851	ug/l	96
45) 1,2-Dichloropropane	9.11	63	295916	57.938	ug/l	99
46) Dibromomethane	9.20	93	175446	56.846	ug/l	97
47) Bromodichloromethane	9.39	83	378234	61.371	ug/l	98
48) Methyl methacrylate	9.19	41	294761	57.364	ug/l	99
49) 1,4-Dioxane	9.19	88	87544	1007.464	ug/l	95
51) 4-Methyl-2-Pentanone	9.98	43	1848175	308.316	ug/l	100
52) Toluene	10.15	92	613370	55.483	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	406254	62.596	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	437723	61.088	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	279495	59.685	ug/l	98
56) Ethyl methacrylate	10.43	69	427403	60.609	ug/l	99
57) 1,3-Dichloropropane	10.71	76	472536	58.553	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	882922	265.831	ug/l	100
59) 2-Hexanone	10.75	43	1340260	298.296	ug/l	100
60) Dibromochloromethane	10.90	129	277987	63.928	ug/l	99
61) 1,2-Dibromoethane	11.00	107	261287	59.019	ug/l	100
64) Tetrachloroethene	10.63	164	193065	54.048	ug/l	100
65) Chlorobenzene	11.43	112	719933	56.861	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	268799	61.183	ug/l	99
67) Ethyl Benzene	11.51	91	1295633	58.390	ug/l	100
68) m/p-Xylenes	11.62	106	945200	116.290	ug/l	99
69) o-Xylene	11.95	106	475855	58.890	ug/l	100
70) Styrene	11.97	104	850042	61.127	ug/l	100
71) Bromoform	12.13	173	178804	65.278	ug/l #	99
73) Isopropylbenzene	12.25	105	1335585	56.639	ug/l	100
74) N-amyl acetate	12.07	43	582113	56.723	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	433802	54.638	ug/l	98
76) 1,2,3-Trichloropropane	12.56	75	386980m	56.292	ug/l	
77) Bromobenzene	12.53	156	314571	53.506	ug/l	98
78) n-propylbenzene	12.60	91	1580419	58.366	ug/l	100
79) 2-Chlorotoluene	12.68	91	935499	54.662	ug/l	100
80) 1,3,5-Trimethylbenzene	12.74	105	1154206	57.930	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	113495	58.098	ug/l	98
82) 4-Chlorotoluene	12.78	91	988214	56.229	ug/l	100
83) tert-Butylbenzene	13.00	119	1004103	56.694	ug/l	99
84) 1,2,4-Trimethylbenzene	13.05	105	1169770	57.766	ug/l	99
85) sec-Butylbenzene	13.18	105	1364175	58.113	ug/l	100
86) p-Isopropyltoluene	13.29	119	1246058	60.244	ug/l	99
87) 1,3-Dichlorobenzene	13.29	146	611398	56.657	ug/l	100
88) 1,4-Dichlorobenzene	13.37	146	607618	55.471	ug/l	99
89) n-Butylbenzene	13.62	91	1178082	60.314	ug/l	99
90) Hexachloroethane	13.88	117	187257	60.876	ug/l	100
91) 1,2-Dichlorobenzene	13.66	146	603693	55.997	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.28	75	81573	62.213	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.92	180	412750	58.574	ug/l	99
94) Hexachlorobutadiene	15.02	225	187351	62.720	ug/l	98
95) Naphthalene	15.13	128	1125173	63.679	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	381258	61.737	ug/l	100

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

