

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN110519\
 Data File : VN059090.D
 Acq On : 5 Nov 2019 14:31
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/6/2019 1:56:29 PM

Quant Time: Nov 06 01:24:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 05:43:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	501111	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	772388	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	702294	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	336447	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	308537	46.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.98%	
35) Dibromofluoromethane	7.57	113	236298	47.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.84%	
50) Toluene-d8	10.08	98	941204	48.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.04%	
62) 4-Bromofluorobenzene	12.40	95	340070	48.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.54%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	221235	40.834	ug/l	99
3) Chloromethane	2.04	50	293025	39.886	ug/l	100
4) Vinyl Chloride	2.17	62	290626	40.755	ug/l	99
5) Bromomethane	2.54	94	169184	40.129	ug/l	98
6) Chloroethane	2.68	64	170876	39.126	ug/l	97
7) Trichlorofluoromethane	3.00	101	353670	41.737	ug/l	99
8) Diethyl Ether	3.38	74	142466	43.052	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.73	101	211513	42.348	ug/l	100
10) Methyl Iodide	3.92	142	265287	43.700	ug/l	99
11) Tert butyl alcohol	4.75	59	243111	197.927	ug/l	100
12) 1,1-Dichloroethene	3.71	96	203467	40.962	ug/l	98
13) Acrolein	3.58	56	161135	207.905	ug/l	98
14) Allyl chloride	4.29	41	414134	42.075	ug/l	100
15) Acrylonitrile	4.95	53	642981	208.680	ug/l	99
16) Acetone	3.79	43	709203	211.081	ug/l	100
17) Carbon Disulfide	4.02	76	619041	39.200	ug/l	99
18) Methyl Acetate	4.29	43	325245	38.211	ug/l	99
19) Methyl tert-butyl Ether	5.01	73	724342	42.815	ug/l	100
20) Methylene Chloride	4.52	84	240565	40.900	ug/l	95
21) trans-1,2-Dichloroethene	5.01	96	222748	41.771	ug/l	99
22) Diisopropyl ether	5.92	45	825067	44.009	ug/l	97
23) Vinyl Acetate	5.86	43	3393585	227.266	ug/l	100
24) 1,1-Dichloroethane	5.82	63	445534	41.566	ug/l	99
25) 2-Butanone	6.81	43	945177	211.269	ug/l	99
26) 2,2-Dichloropropane	6.80	77	381525	41.009	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	255156	42.495	ug/l	100
28) Bromochloromethane	7.17	49	145144	43.876	ug/l	100
29) Tetrahydrofuran	7.18	42	583499	206.663	ug/l	99
30) Chloroform	7.35	83	427304	41.690	ug/l	96
31) Cyclohexane	7.63	56	409020	40.007	ug/l	99
32) 1,1,1-Trichloroethane	7.55	97	366686	42.285	ug/l	99
36) 1,1-Dichloropropene	7.77	75	329939	42.980	ug/l	100
37) Ethyl Acetate	6.90	43	358691	42.053	ug/l	99
38) Carbon Tetrachloride	7.75	117	318231	42.536	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	388780	43.816	ug/l	97
40) Benzene	8.02	78	989817	43.447	ug/l	99
41) Methacrylonitrile	7.16	41	183005m	49.618	ug/l	
42) 1,2-Dichloroethane	8.10	62	339985	42.971	ug/l	100
43) Isopropyl Acetate	8.14	43	568213	42.599	ug/l	98
44) Trichloroethene	8.82	130	241225	43.035	ug/l	99
45) 1,2-Dichloropropane	9.10	63	268457	43.572	ug/l	99
46) Dibromomethane	9.19	93	163955	43.056	ug/l	99
47) Bromodichloromethane	9.39	83	337899	43.815	ug/l	99
48) Methyl methacrylate	9.18	41	262608	43.179	ug/l	99
49) 1,4-Dioxane	9.18	88	92995	937.365	ug/l	99
51) 4-Methyl-2-Pentanone	9.97	43	1773026	228.819	ug/l	99
52) Toluene	10.15	92	604123	45.256	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	386418	43.333	ug/l	100
54) cis-1,3-Dichloropropene	9.83	75	423323	45.006	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	235543	43.316	ug/l	100
56) Ethyl methacrylate	10.42	69	375260	41.024	ug/l	99
57) 1,3-Dichloropropane	10.70	76	415114	43.895	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	476618	138.520	ug/l	100
59) 2-Hexanone	10.74	43	1350518	229.422	ug/l	100
60) Dibromochloromethane	10.90	129	254928	43.501	ug/l	98
61) 1,2-Dibromoethane	11.00	107	238930	43.373	ug/l	98
64) Tetrachloroethene	10.63	164	215291	43.885	ug/l	99
65) Chlorobenzene	11.43	112	625871	43.421	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	232165	43.779	ug/l	99
67) Ethyl Benzene	11.51	91	1151205	46.137	ug/l	100
68) m/p-Xylenes	11.62	106	857241	92.005	ug/l	100
69) o-Xylene	11.95	106	409499	46.026	ug/l	98
70) Styrene	11.96	104	672276	46.628	ug/l	99
71) Bromoform	12.13	173	185104	45.095	ug/l #	99
73) Isopropylbenzene	12.25	105	1105768	44.675	ug/l	100
74) N-amyl acetate	12.07	43	481982	43.775	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	358714	40.685	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	329648m	41.404	ug/l	
77) Bromobenzene	12.53	156	267949	43.295	ug/l	97
78) n-propylbenzene	12.59	91	1302716	45.443	ug/l	100
79) 2-Chlorotoluene	12.68	91	773008	43.427	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	937904	44.585	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	128433	41.353	ug/l	96
82) 4-Chlorotoluene	12.78	91	789852	43.478	ug/l	100
83) tert-Butylbenzene	13.00	119	783329	43.835	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	934299	45.709	ug/l	99
85) sec-Butylbenzene	13.17	105	1061359	45.317	ug/l	100
86) p-Isopropyltoluene	13.29	119	967067	45.800	ug/l	100
87) 1,3-Dichlorobenzene	13.29	146	472369	42.958	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	470073	43.217	ug/l	100
89) n-Butylbenzene	13.62	91	852322	46.326	ug/l	99
90) Hexachloroethane	13.88	117	177379	42.261	ug/l	99
91) 1,2-Dichlorobenzene	13.66	146	464385	42.443	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.28	75	73188	38.430	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.92	180	272416	46.162	ug/l	100
94) Hexachlorobutadiene	15.01	225	154788	43.703	ug/l	99
95) Naphthalene	15.13	128	721336	39.859	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	265626	44.226	ug/l	98

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

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