

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101519\
 Data File : VN058780.D
 Acq On : 15 Oct 2019 14:26
 Operator : JC/SP
 Sample : VN1015WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1015WBSD01

Manual Integrations
 APPROVED

MMDadoda
 10/18/2019 12:42:40 AM

Quant Time: Oct 16 05:03:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 12 00:00:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	391961	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	640808	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	587394	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	277558	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	288506	52.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.16%	
35) Dibromofluoromethane	7.57	113	208444	52.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.32%	
50) Toluene-d8	10.08	98	797412	50.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.76%	
62) 4-Bromofluorobenzene	12.40	95	293472	48.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	100820	20.653	ug/l	99
3) Chloromethane	2.04	50	119772	20.633	ug/l	98
4) Vinyl Chloride	2.17	62	120363	20.819	ug/l	99
5) Bromomethane	2.55	94	75813	21.556	ug/l	100
6) Chloroethane	2.69	64	76280	21.390	ug/l	99
7) Trichlorofluoromethane	3.00	101	141386	20.434	ug/l	99
8) Diethyl Ether	3.39	74	52433	20.509	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.74	101	82837	20.997	ug/l	97
10) Methyl Iodide	3.93	142	104699	19.447	ug/l	98
11) Tert butyl alcohol	4.75	59	93845	105.599	ug/l	99
12) 1,1-Dichloroethene	3.72	96	79611	21.149	ug/l	93
13) Acrolein	3.59	56	55508	77.663	ug/l	99
14) Allyl chloride	4.30	41	154798	20.378	ug/l	99
15) Acrylonitrile	4.96	53	247228	110.313	ug/l	99
16) Acetone	3.79	43	244447	107.603	ug/l	100
17) Carbon Disulfide	4.03	76	240113	19.955	ug/l	99
18) Methyl Acetate	4.30	43	126730	21.992	ug/l	100
19) Methyl tert-butyl Ether	5.02	73	284949	21.199	ug/l	98
20) Methylene Chloride	4.53	84	94793	19.965	ug/l	99
21) trans-1,2-Dichloroethene	5.02	96	86119	20.453	ug/l	99
22) Diisopropyl ether	5.93	45	311121	21.064	ug/l	97
23) Vinyl Acetate	5.87	43	1337629	112.236	ug/l	100
24) 1,1-Dichloroethane	5.82	63	180827	21.496	ug/l	99
25) 2-Butanone	6.81	43	352401	107.322	ug/l	98
26) 2,2-Dichloropropane	6.80	77	153321	19.967	ug/l	100
27) cis-1,2-Dichloroethene	6.81	96	100853	20.540	ug/l	99
28) Bromochloromethane	7.18	49	60204	20.572	ug/l	99
29) Tetrahydrofuran	7.19	42	230577	108.663	ug/l	100
30) Chloroform	7.35	83	175663	20.785	ug/l	98
31) Cyclohexane	7.63	56	158713	19.719	ug/l	98
32) 1,1,1-Trichloroethane	7.55	97	154898	21.491	ug/l	99
36) 1,1-Dichloropropene	7.77	75	129921	20.053	ug/l	99
37) Ethyl Acetate	6.91	43	145443	22.197	ug/l	97
38) Carbon Tetrachloride	7.76	117	132811	21.033	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	145299	19.326	ug/l	97
40) Benzene	8.02	78	384467	20.662	ug/l	100
41) Methacrylonitrile	7.16	41	55675m	18.152	ug/l	
42) 1,2-Dichloroethane	8.11	62	151571	21.202	ug/l	99
43) Isopropyl Acetate	8.15	43	228602	20.480	ug/l #	92
44) Trichloroethene	8.82	130	93489	20.232	ug/l	98
45) 1,2-Dichloropropane	9.11	63	105474	21.174	ug/l	99
46) Dibromomethane	9.20	93	66631	21.098	ug/l	98
47) Bromodichloromethane	9.39	83	137374	21.361	ug/l	98
48) Methyl methacrylate	9.19	41	103171	20.390	ug/l	98
49) 1,4-Dioxane	9.19	88	32732	418.152	ug/l	96
51) 4-Methyl-2-Pentanone	9.98	43	720070	114.863	ug/l	99
52) Toluene	10.15	92	237222	20.844	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	150591	20.416	ug/l	98
54) cis-1,3-Dichloropropene	9.83	75	163649	20.896	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	93816	20.140	ug/l	98
56) Ethyl methacrylate	10.43	69	139193	20.454	ug/l	98
57) 1,3-Dichloropropane	10.71	76	166641	20.994	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	339155	103.416	ug/l	100
59) 2-Hexanone	10.75	43	529953	109.389	ug/l	99
60) Dibromochloromethane	10.90	129	101745	21.174	ug/l	100
61) 1,2-Dibromoethane	11.00	107	96268	20.629	ug/l	100
64) Tetrachloroethene	10.63	164	83620	20.342	ug/l	98
65) Chlorobenzene	11.43	112	244632	20.508	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	91990	20.855	ug/l	99
67) Ethyl Benzene	11.51	91	439904	20.688	ug/l	99
68) m/p-Xylenes	11.62	106	325698	40.815	ug/l	98
69) o-Xylene	11.95	106	156159	20.226	ug/l	100
70) Styrene	11.97	104	253402	20.025	ug/l	98
71) Bromoform	12.13	173	68074	21.055	ug/l #	99
73) Isopropylbenzene	12.25	105	427699	21.277	ug/l	100
74) N-amyl acetate	12.07	43	194342	21.526	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.51	83	143454	21.663	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	135773m	22.298	ug/l	
77) Bromobenzene	12.53	156	103487	21.166	ug/l	98
78) n-propylbenzene	12.59	91	501778	21.422	ug/l	99
79) 2-Chlorotoluene	12.68	91	301559	20.742	ug/l	100
80) 1,3,5-Trimethylbenzene	12.74	105	361728	21.078	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	46429	20.425	ug/l	97
82) 4-Chlorotoluene	12.78	91	307483	20.611	ug/l	99
83) tert-Butylbenzene	13.00	119	306536	20.850	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	360682	21.171	ug/l	100
85) sec-Butylbenzene	13.17	105	413725	21.357	ug/l	100
86) p-Isopropyltoluene	13.29	119	367897	20.896	ug/l	99
87) 1,3-Dichlorobenzene	13.29	146	182083	20.193	ug/l	98
88) 1,4-Dichlorobenzene	13.37	146	177200	19.329	ug/l	98
89) n-Butylbenzene	13.62	91	321786	19.766	ug/l	99
90) Hexachloroethane	13.88	117	67549	21.442	ug/l	98
91) 1,2-Dichlorobenzene	13.66	146	179939	20.475	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.28	75	31819	20.568	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.92	180	98287	18.334	ug/l	99
94) Hexachlorobutadiene	15.01	225	54955	19.466	ug/l	99
95) Naphthalene	15.13	128	284698	18.478	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	98556	18.830	ug/l	99

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

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