

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100219\
 Data File : VN058478.D
 Acq On : 2 Oct 2019 16:38
 Operator : JC/SP
 Sample : VN1002WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1002WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/3/2019 1:35:43 PM

Quant Time: Oct 03 05:31:42 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	336100	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	580332	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	515707	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	236030	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	263906	53.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.46%	
35) Dibromofluoromethane	7.57	113	191073	53.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.44%	
50) Toluene-d8	10.08	98	702075	50.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.78%	
62) 4-Bromofluorobenzene	12.41	95	248882	49.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	76714	20.816	ug/l	98
3) Chloromethane	2.03	50	88746	21.904	ug/l	100
4) Vinyl Chloride	2.17	62	85618	21.572	ug/l	99
5) Bromomethane	2.55	94	45078	21.383	ug/l	98
6) Chloroethane	2.68	64	55005	23.130	ug/l	98
7) Trichlorofluoromethane	3.00	101	103058	21.517	ug/l	98
8) Diethyl Ether	3.39	74	44298	21.436	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.74	101	70591	21.702	ug/l	96
10) Methyl Iodide	3.93	142	69400	19.241	ug/l	98
11) Tert butyl alcohol	4.76	59	72235	132.387	ug/l	100
12) 1,1-Dichloroethene	3.72	96	66460	20.961	ug/l	99
13) Acrolein	3.59	56	21985	126.682	ug/l	100
14) Allyl chloride	4.30	41	123096	21.334	ug/l	99
15) Acrylonitrile	4.96	53	196060	123.291	ug/l	100
16) Acetone	3.80	43	197661	118.056	ug/l	100
17) Carbon Disulfide	4.03	76	166724	19.948	ug/l	99
18) Methyl Acetate	4.31	43	98577	23.409	ug/l	99
19) Methyl tert-butyl Ether	5.02	73	241457	21.584	ug/l	100
20) Methylene Chloride	4.53	84	79775	20.647	ug/l	94
21) trans-1,2-Dichloroethene	5.01	96	75569	21.433	ug/l	93
22) Diisopropyl ether	5.93	45	271669	21.880	ug/l	92
23) Vinyl Acetate	5.87	43	1104548	117.979	ug/l	100
24) 1,1-Dichloroethane	5.83	63	153748	22.002	ug/l	99
25) 2-Butanone	6.82	43	278270	121.052	ug/l	97
26) 2,2-Dichloropropane	6.81	77	118313	20.594	ug/l	100
27) cis-1,2-Dichloroethene	6.81	96	86960	21.103	ug/l	99
28) Bromochloromethane	7.18	49	63035	22.567	ug/l	96
29) Tetrahydrofuran	7.19	42	180537	123.740	ug/l	99
30) Chloroform	7.36	83	154925	21.878	ug/l	99
31) Cyclohexane	7.64	56	141378	20.799	ug/l	97
32) 1,1,1-Trichloroethane	7.55	97	129935	22.345	ug/l	98
36) 1,1-Dichloropropene	7.78	75	112929	20.351	ug/l	98
37) Ethyl Acetate	6.91	43	117804	25.040	ug/l	99
38) Carbon Tetrachloride	7.76	117	107549	21.472	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	129096	19.922	ug/l	95
40) Benzene	8.03	78	333886	20.932	ug/l	100
41) Methacrylonitrile	7.15	41	49909	23.059	ug/l #	72
42) 1,2-Dichloroethane	8.11	62	133001	21.432	ug/l	100
43) Isopropyl Acetate	8.15	43	181660	20.533	ug/l #	90
44) Trichloroethene	8.82	130	81987	20.817	ug/l	98
45) 1,2-Dichloropropane	9.11	63	92163	21.544	ug/l	96
46) Dibromomethane	9.20	93	60536	22.345	ug/l	94
47) Bromodichloromethane	9.40	83	114816	22.369	ug/l	100
48) Methyl methacrylate	9.19	41	92057	22.852	ug/l	99
49) 1,4-Dioxane	9.19	88	33207	616.476	ug/l	98
51) 4-Methyl-2-Pentanone	9.98	43	573552	126.210	ug/l	98
52) Toluene	10.15	92	202040	20.124	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	118821	21.268	ug/l	100
54) cis-1,3-Dichloropropene	9.83	75	132720	21.401	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	81640	22.332	ug/l	98
56) Ethyl methacrylate	10.43	69	121590	21.919	ug/l	100
57) 1,3-Dichloropropane	10.71	76	145403	22.299	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	234384	105.965	ug/l	100
59) 2-Hexanone	10.75	43	409044	123.615	ug/l	99
60) Dibromochloromethane	10.90	129	78356	20.371	ug/l	98
61) 1,2-Dibromoethane	11.00	107	81609	21.848	ug/l	98
64) Tetrachloroethene	10.63	164	67979	20.748	ug/l	99
65) Chlorobenzene	11.44	112	211822	20.663	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	74590	21.596	ug/l	99
67) Ethyl Benzene	11.51	91	394382	21.240	ug/l	98
68) m/p-Xylenes	11.63	106	279573	40.020	ug/l	94
69) o-Xylene	11.95	106	136945	20.364	ug/l	97
70) Styrene	11.97	104	231854	21.222	ug/l	99
71) Bromoform	12.13	173	47322	20.246	ug/l #	100
73) Isopropylbenzene	12.26	105	375438	21.523	ug/l	99
74) N-amyl acetate	12.08	43	151802	21.875	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.51	83	120100	23.284	ug/l	98
76) 1,2,3-Trichloropropane	12.56	75	99243m	23.020	ug/l	
77) Bromobenzene	12.53	156	84091	20.560	ug/l	93
78) n-propylbenzene	12.60	91	436659	22.220	ug/l	99
79) 2-Chlorotoluene	12.68	91	255638	21.075	ug/l	99
80) 1,3,5-Trimethylbenzene	12.74	105	315333	21.596	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.31	75	28987	20.421	ug/l	91
82) 4-Chlorotoluene	12.78	91	261763	21.149	ug/l	100
83) tert-Butylbenzene	13.00	119	266838	21.657	ug/l	97
84) 1,2,4-Trimethylbenzene	13.05	105	310947	21.255	ug/l	100
85) sec-Butylbenzene	13.18	105	361476	22.290	ug/l	100
86) p-Isopropyltoluene	13.30	119	317405	22.235	ug/l	99
87) 1,3-Dichlorobenzene	13.29	146	149591	20.170	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	146259	19.822	ug/l	97
89) n-Butylbenzene	13.62	91	276995	21.421	ug/l	99
90) Hexachloroethane	13.88	117	50174	23.394	ug/l	96
91) 1,2-Dichlorobenzene	13.66	146	151872	21.313	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.28	75	21586	23.732	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.92	180	81820	20.779	ug/l	100
94) Hexachlorobutadiene	15.02	225	43866	21.674	ug/l	97
95) Naphthalene	15.14	128	221779	19.214	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	79909	20.226	ug/l	98

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

