

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061819\
 Data File : VN056357.D
 Acq On : 18 Jun 2019 11:45
 Operator : JC/SP
 Sample : VN0618WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0618WBS02

Manual Integrations
 APPROVED

MMDadoda
 6/19/2019 12:19:43 PM

Quant Time: Jun 19 02:26:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 18 04:23:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	359427	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	549371	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	492656	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	194035	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	205143	50.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.52%	
35) Dibromofluoromethane	7.59	113	175829	49.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.82%	
50) Toluene-d8	10.09	98	679704	50.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.00%	
62) 4-Bromofluorobenzene	12.40	95	224239	50.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.56%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.85	85	64504	20.412	ug/l 99
3) Chloromethane	2.06	50	82243	19.410	ug/l 100
4) Vinyl Chloride	2.18	62	82308	19.766	ug/l 100
5) Bromomethane	2.52	94	46248m	19.093	ug/l
6) Chloroethane	2.67	64	41881	17.365	ug/l 97
7) Trichlorofluoromethane	3.00	101	104080	19.571	ug/l 96
8) Diethyl Ether	3.40	74	41693	19.765	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	3.74	101	66742	19.404	ug/l 100
10) Methyl Iodide	3.94	142	84096	19.105	ug/l 99
11) Tert butyl alcohol	4.82	59	59931	94.240	ug/l 98
12) 1,1-Dichloroethene	3.72	96	63509	19.040	ug/l 97
13) Acrolein	3.60	56	16752	94.050	ug/l 99
14) Allyl chloride	4.31	41	103765	18.550	ug/l 97
15) Acrylonitrile	4.99	53	185097	101.840	ug/l 99
16) Acetone	3.82	43	196687	88.076	ug/l 100
17) Carbon Disulfide	4.04	76	138346	15.501	ug/l 98
18) Methyl Acetate	4.33	43	79333	19.285	ug/l 99
19) Methyl tert-butyl Ether	5.05	73	204617	20.115	ug/l 98
20) Methylene Chloride	4.54	84	76713	19.454	ug/l 97
21) trans-1,2-Dichloroethene	5.03	96	67897	19.137	ug/l 96
22) Diisopropyl ether	5.95	45	222699	20.252	ug/l 99
23) Vinyl Acetate	5.90	43	889366	99.409	ug/l 100
24) 1,1-Dichloroethane	5.84	63	126852	19.676	ug/l 99
25) 2-Butanone	6.85	43	262488	96.975	ug/l 100
26) 2,2-Dichloropropane	6.82	77	83330	17.874	ug/l 99
27) cis-1,2-Dichloroethene	6.82	96	79106	19.250	ug/l 99
28) Bromochloromethane	7.19	49	66558	20.616	ug/l 98
29) Tetrahydrofuran	7.22	42	164385	102.241	ug/l 99
30) Chloroform	7.37	83	125319	19.514	ug/l 99
31) Cyclohexane	7.65	56	121788	19.552	ug/l 96
32) 1,1,1-Trichloroethane	7.57	97	97138	18.260	ug/l 99
36) 1,1-Dichloropropene	7.79	75	95896	19.398	ug/l 98
37) Ethyl Acetate	6.94	43	100215	21.390	ug/l 99
38) Carbon Tetrachloride	7.77	117	81958	17.272	ug/l 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	116025	19.241	ug/l	98
40) Benzene	8.04	78	293701	19.584	ug/l	99
41) Methacrylonitrile	7.18	41	42592	19.798	ug/l	95
42) 1,2-Dichloroethane	8.12	62	97617	19.849	ug/l	99
43) Isopropyl Acetate	8.17	43	141418	18.870	ug/l	99
44) Trichloroethene	8.83	130	79686	19.539	ug/l	96
45) 1,2-Dichloropropane	9.12	63	80062	20.200	ug/l	99
46) Dibromomethane	9.21	93	51478	19.545	ug/l	98
47) Bromodichloromethane	9.40	83	87677	17.424	ug/l	100
48) Methyl methacrylate	9.20	41	70130	18.547	ug/l	97
49) 1,4-Dioxane	9.21	88	29881	391.751	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	476650	99.791	ug/l	100
52) Toluene	10.16	92	181203	19.796	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	84884	16.989	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	105565	18.318	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	73507	19.540	ug/l	98
56) Ethyl methacrylate	10.43	69	105963	19.586	ug/l	99
57) 1,3-Dichloropropane	10.71	76	125333	19.780	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.70	63	192946	105.159	ug/l	99
59) 2-Hexanone	10.75	43	343410	96.942	ug/l	99
60) Dibromochloromethane	10.90	129	64520	16.352	ug/l	99
61) 1,2-Dibromoethane	11.00	107	74240	19.199	ug/l	99
64) Tetrachloroethene	10.63	164	76911	19.037	ug/l	98
65) Chlorobenzene	11.43	112	195147	19.511	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	66468	17.801	ug/l	98
67) Ethyl Benzene	11.51	91	341297	19.824	ug/l	100
68) m/p-Xylenes	11.62	106	253294	39.529	ug/l	99
69) o-Xylene	11.95	106	124528	19.715	ug/l	98
70) Styrene	11.96	104	204316	20.035	ug/l	100
71) Bromoform	12.13	173	43379	14.949	ug/l #	99
73) Isopropylbenzene	12.25	105	331511	20.756	ug/l	100
74) N-amyl acetate	12.07	43	118007	19.353	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	101600	20.224	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	89345m	21.552	ug/l	
77) Bromobenzene	12.53	156	89896	21.572	ug/l	94
78) n-propylbenzene	12.59	91	350905	20.147	ug/l	100
79) 2-Chlorotoluene	12.67	91	218175	20.634	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	271121	20.028	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	20100	15.064	ug/l #	81
82) 4-Chlorotoluene	12.77	91	204588	20.011	ug/l	99
83) tert-Butylbenzene	12.99	119	238041	20.762	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	260429	20.660	ug/l	100
85) sec-Butylbenzene	13.17	105	306529	20.066	ug/l	100
86) p-Isopropyltoluene	13.29	119	267773	20.478	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	130233	19.720	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	121396	19.129	ug/l	99
89) n-Butylbenzene	13.61	91	188129	19.243	ug/l	99
90) Hexachloroethane	13.87	117	37570	15.177	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	130483	20.176	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	13350	15.923	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	47942	18.048	ug/l	99
94) Hexachlorobutadiene	15.01	225	47266	19.874	ug/l	98
95) Naphthalene	15.13	128	141488	19.114	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	57619	18.925	ug/l	100

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

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