

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090219\
 Data File : VN057640.D
 Acq On : 1 Sep 2019 13:31
 Operator : JC/SP
 Sample : VN0902WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0902WBS01

Manual Integrations
 APPROVED

MMDadoda
 9/3/2019 11:02:54 AM

Quant Time: Sep 02 02:15:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N090119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 31 15:54:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	188682	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	316629	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	288348	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	118725	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	221975	52.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.16%	
35) Dibromofluoromethane	7.58	113	137394	49.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.38%	
50) Toluene-d8	10.09	98	534717	50.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.74%	
62) 4-Bromofluorobenzene	12.40	95	186446	46.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.84	85	62260	20.635	ug/l	99
3) Chloromethane	2.05	50	72272	20.778	ug/l	98
4) Vinyl Chloride	2.18	62	57996	21.287	ug/l	97
5) Bromomethane	2.51	94	38136	22.123	ug/l	93
6) Chloroethane	2.66	64	32820	21.567	ug/l	94
7) Trichlorofluoromethane	3.00	101	79653	20.828	ug/l	99
8) Diethyl Ether	3.40	74	26995	21.332	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.73	101	39404	20.324	ug/l	95
10) Methyl Iodide	3.92	142	50833	20.307	ug/l	99
11) Tert butyl alcohol	4.81	59	43656	97.654	ug/l #	84
12) 1,1-Dichloroethene	3.71	96	36236	20.618	ug/l	90
13) Acrolein	3.59	56	16718	94.054	ug/l	89
14) Allyl chloride	4.29	41	105567	19.254	ug/l	96
15) Acrylonitrile	4.98	53	142514	106.239	ug/l	96
16) Acetone	3.81	43	111483	93.328	ug/l	99
17) Carbon Disulfide	4.02	76	107705	18.956	ug/l	98
18) Methyl Acetate	4.31	43	82334	20.074	ug/l	99
19) Methyl tert-butyl Ether	5.03	73	191009	21.007	ug/l	100
20) Methylene Chloride	4.53	84	62302	21.068	ug/l	92
21) trans-1,2-Dichloroethene	5.01	96	53734	20.565	ug/l	97
22) Diisopropyl ether	5.94	45	233726	20.737	ug/l	99
23) Vinyl Acetate	5.88	43	902186	104.152	ug/l	100
24) 1,1-Dichloroethane	5.82	63	117463	20.761	ug/l	98
25) 2-Butanone	6.83	43	198994	99.975	ug/l	98
26) 2,2-Dichloropropane	6.81	77	87666	19.385	ug/l	97
27) cis-1,2-Dichloroethene	6.81	96	64722	20.743	ug/l	99
28) Bromochloromethane	7.18	49	61946	20.560	ug/l	99
29) Tetrahydrofuran	7.20	42	129962	104.073	ug/l	100
30) Chloroform	7.36	83	117043	20.392	ug/l	99
31) Cyclohexane	7.64	56	113903	20.171	ug/l	96
32) 1,1,1-Trichloroethane	7.55	97	97390	20.685	ug/l	98
36) 1,1-Dichloropropene	7.78	75	83650	19.927	ug/l	98
37) Ethyl Acetate	6.92	43	83912	20.985	ug/l	99
38) Carbon Tetrachloride	7.75	117	73121	19.459	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	98837	19.928	ug/l	97
40) Benzene	8.03	78	251521	20.583	ug/l	100
41) Methacrylonitrile	7.17	41	40176	19.389	ug/l	98
42) 1,2-Dichloroethane	8.11	62	105509	21.258	ug/l	99
43) Isopropyl Acetate	8.16	43	146479	20.361	ug/l	99
44) Trichloroethene	8.83	130	57416	20.712	ug/l	97
45) 1,2-Dichloropropane	9.11	63	71984	21.149	ug/l	98
46) Dibromomethane	9.20	93	44468	21.100	ug/l	97
47) Bromodichloromethane	9.39	83	83760	19.562	ug/l	98
48) Methyl methacrylate	9.20	41	75997	20.690	ug/l	96
49) 1,4-Dioxane	9.20	88	17044	396.272	ug/l	90
51) 4-Methyl-2-Pentanone	9.98	43	434508	105.378	ug/l	99
52) Toluene	10.15	92	150441	20.830	ug/l	97
53) t-1,3-Dichloropropene	10.38	75	83890	19.629	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	97166	19.636	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	58374	21.303	ug/l	98
56) Ethyl methacrylate	10.43	69	91003	19.901	ug/l	96
57) 1,3-Dichloropropane	10.71	76	103858	20.659	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.69	63	124190	92.829	ug/l	99
59) 2-Hexanone	10.75	43	300004	99.077	ug/l	96
60) Dibromochloromethane	10.90	129	51166	19.370	ug/l	99
61) 1,2-Dibromoethane	11.00	107	56073	20.323	ug/l	98
64) Tetrachloroethene	10.63	164	52191	20.903	ug/l	98
65) Chlorobenzene	11.43	112	149822	20.735	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.51	131	49840	19.778	ug/l	98
67) Ethyl Benzene	11.51	91	293114	20.879	ug/l	99
68) m/p-Xylenes	11.62	106	199776	40.393	ug/l	97
69) o-Xylene	11.95	106	100573	20.983	ug/l	95
70) Styrene	11.96	104	153662	19.476	ug/l	98
71) Bromoform	12.12	173	26707	18.705	ug/l #	100
73) Isopropylbenzene	12.25	105	268670	22.414	ug/l	98
74) N-amyl acetate	12.07	43	120243	21.256	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	77117	21.828	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	73325m	23.479	ug/l	
77) Bromobenzene	12.53	156	56896	22.301	ug/l	98
78) n-propylbenzene	12.59	91	290556	21.778	ug/l	99
79) 2-Chlorotoluene	12.67	91	183558	22.064	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	220429	22.353	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	16933	18.586	ug/l	96
82) 4-Chlorotoluene	12.77	91	173927	21.121	ug/l	99
83) tert-Butylbenzene	12.99	119	189559	22.654	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	204758	21.462	ug/l	100
85) sec-Butylbenzene	13.17	105	236509	21.014	ug/l	99
86) p-Isopropyltoluene	13.29	119	199449	21.428	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	84733	20.386	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	82332	20.507	ug/l	96
89) n-Butylbenzene	13.62	91	180095	20.647	ug/l	100
90) Hexachloroethane	13.88	117	30016	18.575	ug/l	98
91) 1,2-Dichlorobenzene	13.66	146	81625	20.580	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.28	75	10629	19.539	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	24911	20.366	ug/l	97
94) Hexachlorobutadiene	15.01	225	26132	19.200	ug/l	97
95) Naphthalene	15.13	128	77677	20.064	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	25182	20.115	ug/l	98

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

