

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090719\
 Data File : VN057776.D
 Acq On : 8 Sep 2019 00:39
 Operator : JC/SP
 Sample : VN0907WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0907WBSD02

Manual Integrations
 APPROVED

MMDadoda
 9/10/2019 3:02:56 PM

Quant Time: Sep 08 07:54:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N090619W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 06 03:46:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	196533	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	311141	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	289066	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	159959	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	218689	45.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.48%	
35) Dibromofluoromethane	7.58	113	143282	50.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.12%	
50) Toluene-d8	10.08	98	523700	49.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.90%	
62) 4-Bromofluorobenzene	12.40	95	200085	45.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	57574	18.447	ug/l	98
3) Chloromethane	2.03	50	57852	13.101	ug/l	99
4) Vinyl Chloride	2.16	62	49294	18.238	ug/l	98
5) Bromomethane	2.54	94	27319	22.008	ug/l	98
6) Chloroethane	2.68	64	28586	17.915	ug/l #	89
7) Trichlorofluoromethane	2.99	101	74937	17.276	ug/l	98
8) Diethyl Ether	3.39	74	30983	17.876	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.74	101	48954	18.083	ug/l	94
10) Methyl Iodide	3.93	142	61705	23.005	ug/l	97
11) Tert butyl alcohol	4.76	59	49670	91.437	ug/l #	83
12) 1,1-Dichloroethene	3.71	96	46256	18.991	ug/l	99
13) Acrolein	3.59	56	21027	81.393	ug/l	98
14) Allyl chloride	4.30	41	87315	15.687	ug/l	93
15) Acrylonitrile	4.96	53	136941	98.054	ug/l	98
16) Acetone	3.80	43	134912	91.695	ug/l	96
17) Carbon Disulfide	4.03	76	92743	16.806	ug/l	99
18) Methyl Acetate	4.30	43	77494	19.368	ug/l	100
19) Methyl tert-butyl Ether	5.02	73	189637	18.545	ug/l	100
20) Methylene Chloride	4.52	84	57399	18.043	ug/l	98
21) trans-1,2-Dichloroethene	5.02	96	48392	18.881	ug/l	95
22) Diisopropyl ether	5.93	45	214977	18.258	ug/l	98
23) Vinyl Acetate	5.87	43	868261	91.106	ug/l	100
24) 1,1-Dichloroethane	5.83	63	109775	18.183	ug/l	99
25) 2-Butanone	6.82	43	201060	95.424	ug/l	99
26) 2,2-Dichloropropane	6.81	77	64060	12.719	ug/l	96
27) cis-1,2-Dichloroethene	6.81	96	62614	19.463	ug/l	91
28) Bromochloromethane	7.18	49	61682	19.527	ug/l	93
29) Tetrahydrofuran	7.20	42	130122	95.761	ug/l	98
30) Chloroform	7.36	83	119258	18.957	ug/l	96
31) Cyclohexane	7.64	56	93762	17.473	ug/l	96
32) 1,1,1-Trichloroethane	7.55	97	98992	18.892	ug/l	100
36) 1,1-Dichloropropene	7.78	75	77870	18.813	ug/l	97
37) Ethyl Acetate	6.91	43	86499	21.049	ug/l #	93
38) Carbon Tetrachloride	7.76	117	79902	20.160	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	82231	18.782	ug/l	95
40) Benzene	8.03	78	233669	19.958	ug/l	99
41) Methacrylonitrile	7.17	41	45245m	22.524	ug/l	
42) 1,2-Dichloroethane	8.11	62	106614	19.427	ug/l	98
43) Isopropyl Acetate	8.15	43	149150	18.909	ug/l	100
44) Trichloroethene	8.83	130	57118	21.707	ug/l	96
45) 1,2-Dichloropropane	9.11	63	64680	19.753	ug/l	100
46) Dibromomethane	9.20	93	44465	21.170	ug/l	98
47) Bromodichloromethane	9.40	83	85409	19.134	ug/l	97
48) Methyl methacrylate	9.19	41	77374	19.074	ug/l	97
49) 1,4-Dioxane	9.19	88	20859	441.936	ug/l	96
51) 4-Methyl-2-Pentanone	9.98	43	451629	103.101	ug/l	99
52) Toluene	10.15	92	142178	20.036	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	77294	17.260	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	88322	18.254	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	59858	20.961	ug/l	97
56) Ethyl methacrylate	10.43	69	88743	19.470	ug/l	99
57) 1,3-Dichloropropane	10.71	76	102370	19.956	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.69	63	230596	99.719	ug/l	98
59) 2-Hexanone	10.75	43	316895	102.591	ug/l	97
60) Dibromochloromethane	10.90	129	54883	19.016	ug/l	98
61) 1,2-Dibromoethane	11.00	107	57963	21.143	ug/l	99
64) Tetrachloroethene	10.63	164	48697	21.608	ug/l	96
65) Chlorobenzene	11.43	112	150011	19.894	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	53070	20.227	ug/l	96
67) Ethyl Benzene	11.51	91	286681	19.705	ug/l	99
68) m/p-Xylenes	11.62	106	201696	40.251	ug/l	97
69) o-Xylene	11.95	106	99347	20.022	ug/l	98
70) Styrene	11.97	104	171359	19.959	ug/l	98
71) Bromoform	12.13	173	33051	19.007	ug/l #	100
73) Isopropylbenzene	12.25	105	276297	19.537	ug/l	100
74) N-amyl acetate	12.07	43	127436	18.039	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.51	83	86476	20.392	ug/l	100
76) 1,2,3-Trichloropropane	12.56	75	71607m	19.494	ug/l	
77) Bromobenzene	12.53	156	67985	22.128	ug/l	85
78) n-propylbenzene	12.59	91	324045	19.287	ug/l	98
79) 2-Chlorotoluene	12.68	91	194433	19.009	ug/l	96
80) 1,3,5-Trimethylbenzene	12.74	105	236282	19.669	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.30	75	18067	15.297	ug/l	94
82) 4-Chlorotoluene	12.78	91	205259	19.485	ug/l	100
83) tert-Butylbenzene	13.00	119	206945	20.434	ug/l	95
84) 1,2,4-Trimethylbenzene	13.04	105	241580	20.301	ug/l	98
85) sec-Butylbenzene	13.17	105	266726	19.117	ug/l	97
86) p-Isopropyltoluene	13.29	119	240200	20.314	ug/l	98
87) 1,3-Dichlorobenzene	13.29	146	117095	20.387	ug/l	97
88) 1,4-Dichlorobenzene	13.37	146	117064	20.375	ug/l	98
89) n-Butylbenzene	13.62	91	216034	18.474	ug/l	99
90) Hexachloroethane	13.88	117	34514	18.628	ug/l	97
91) 1,2-Dichlorobenzene	13.66	146	118193	20.901	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.28	75	15680	18.769	ug/l	88

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	73949	21.859	ug/l	99
94) Hexachlorobutadiene	15.01	225	37815	22.933	ug/l	98
95) Naphthalene	15.13	128	198397	20.215	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	72030	22.213	ug/l	99

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

