

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112519\
 Data File : VN059382.D
 Acq On : 25 Nov 2019 15:00
 Operator : JC/SP
 Sample : VN1125WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1125WBS01

Manual Integrations
 APPROVED

apatel
 11/26/2019 12:32:12 PM

Quant Time: Nov 25 17:22:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112019W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 21 08:44:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	386382	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	601168	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	530199	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	237837	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	188892	40.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.50%	
35) Dibromofluoromethane	7.57	113	153326	42.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.02%	
50) Toluene-d8	10.08	98	605121	42.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.40%	
62) 4-Bromofluorobenzene	12.40	95	208278	41.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	65326	13.206	ug/l	96
3) Chloromethane	2.04	50	78492	12.953	ug/l	98
4) Vinyl Chloride	2.17	62	84738	13.582	ug/l	98
5) Bromomethane	2.55	94	47602	13.743	ug/l	98
6) Chloroethane	2.69	64	43164	12.676	ug/l	99
7) Trichlorofluoromethane	3.00	101	86436	12.865	ug/l	97
8) Diethyl Ether	3.38	74	37941	13.813	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.73	101	56877	13.845	ug/l	99
10) Methyl Iodide	3.93	142	67565	13.233	ug/l	98
11) Tert butyl alcohol	4.77	59	62251	67.068	ug/l	100
12) 1,1-Dichloroethene	3.71	96	55864	13.396	ug/l	99
13) Acrolein	3.58	56	33497	39.534	ug/l	99
14) Allyl chloride	4.29	41	103238	13.252	ug/l	98
15) Acrylonitrile	4.96	53	162167	66.079	ug/l	98
16) Acetone	3.80	43	161827	77.851	ug/l	99
17) Carbon Disulfide	4.03	76	173997	13.416	ug/l	99
18) Methyl Acetate	4.30	43	92133	13.355	ug/l	99
19) Methyl tert-butyl Ether	5.01	73	183886	13.653	ug/l	98
20) Methylene Chloride	4.52	84	63605	13.567	ug/l	96
21) trans-1,2-Dichloroethene	5.01	96	60770	13.750	ug/l	93
22) Diisopropyl ether	5.92	45	198904	13.561	ug/l	97
23) Vinyl Acetate	5.87	43	766052	66.415	ug/l	100
24) 1,1-Dichloroethane	5.82	63	115232	13.957	ug/l	99
25) 2-Butanone	6.81	43	215417	66.645	ug/l	98
26) 2,2-Dichloropropane	6.80	77	97306	13.611	ug/l	99
27) cis-1,2-Dichloroethene	6.81	96	67201	13.477	ug/l	100
28) Bromochloromethane	7.17	49	2286	2.999	ug/l #	75
29) Tetrahydrofuran	7.19	42	140201	62.729	ug/l	99
30) Chloroform	7.35	83	108178	13.402	ug/l	96
31) Cyclohexane	7.63	56	107581	13.179	ug/l	96
32) 1,1,1-Trichloroethane	7.55	97	91178	13.246	ug/l	99
36) 1,1-Dichloropropene	7.77	75	84186	13.565	ug/l	99
37) Ethyl Acetate	6.90	43	85845	12.870	ug/l	97
38) Carbon Tetrachloride	7.75	117	80705	13.584	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	99581	13.306	ug/l	100
40) Benzene	8.02	78	252516	13.863	ug/l	99
41) Methacrylonitrile	7.14	41	34390	11.615	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	83155	13.804	ug/l	99
43) Isopropyl Acetate	8.15	43	132495	12.998	ug/l	99
44) Trichloroethene	8.82	130	64667	14.008	ug/l	95
45) 1,2-Dichloropropane	9.10	63	67657	13.929	ug/l	97
46) Dibromomethane	9.19	93	40842	13.709	ug/l	99
47) Bromodichloromethane	9.39	83	81951	13.735	ug/l	99
48) Methyl methacrylate	9.19	41	58697	12.663	ug/l	97
49) 1,4-Dioxane	9.19	88	21729	311.896	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	398328	66.761	ug/l	99
52) Toluene	10.15	92	152430	13.917	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	94464	13.619	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	104203	13.845	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	59402	13.949	ug/l	97
56) Ethyl methacrylate	10.42	69	84219	13.389	ug/l	98
57) 1,3-Dichloropropane	10.70	76	102923	13.867	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	118558	63.601	ug/l	100
59) 2-Hexanone	10.75	43	291210	66.655	ug/l	99
60) Dibromochloromethane	10.90	129	61307	13.662	ug/l	98
61) 1,2-Dibromoethane	11.00	107	60823	13.727	ug/l	100
64) Tetrachloroethene	10.63	164	58202	14.193	ug/l	98
65) Chlorobenzene	11.43	112	158115	13.869	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	59068	14.262	ug/l	100
67) Ethyl Benzene	11.51	91	284118	13.958	ug/l	99
68) m/p-Xylenes	11.62	106	208305	27.540	ug/l	99
69) o-Xylene	11.95	106	100039	13.815	ug/l	97
70) Styrene	11.96	104	155346	13.596	ug/l	99
71) Bromoform	12.13	173	43137	13.753	ug/l #	97
73) Isopropylbenzene	12.25	105	266276	13.667	ug/l	99
74) N-amyl acetate	12.07	43	95767	12.231	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	86025	13.347	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	76143m	13.858	ug/l	
77) Bromobenzene	12.53	156	64482	13.645	ug/l	98
78) n-propylbenzene	12.59	91	306528	13.889	ug/l	100
79) 2-Chlorotoluene	12.67	91	183574	13.552	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	223926	13.672	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	28913	13.161	ug/l	97
82) 4-Chlorotoluene	12.78	91	189721	13.534	ug/l	100
83) tert-Butylbenzene	12.99	119	189315	13.686	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	218026	13.589	ug/l	100
85) sec-Butylbenzene	13.17	105	253208	13.619	ug/l	99
86) p-Isopropyltoluene	13.29	119	227717	13.764	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	112704	13.392	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	111785	13.425	ug/l	99
89) n-Butylbenzene	13.62	91	191572	13.200	ug/l	99
90) Hexachloroethane	13.88	117	41816	13.346	ug/l	100
91) 1,2-Dichlorobenzene	13.66	146	108667	13.346	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	15526	11.331	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	59995	14.089	ug/l	98
94) Hexachlorobutadiene	15.01	225	40393	13.769	ug/l	98
95) Naphthalene	15.13	128	150411	13.215	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	60443	13.599	ug/l	99

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

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