

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN010319\
 Data File : VN053252.D
 Acq On : 3 Jan 2019 10:43
 Operator : MD\SY
 Sample : VN0103WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0103WBSD01

Manual Integrations
 APPROVED

MMDadoda
 1/4/2019 12:39:02 PM

Quant Time: Jan 04 06:46:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 18 13:03:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	837003	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1277464	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1088588	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	439482	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	440430	51.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.70%	
35) Dibromofluoromethane	7.59	113	366932	62.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	125.76%	
50) Toluene-d8	10.09	98	1525745	48.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.40%	
62) 4-Bromofluorobenzene	12.40	95	498931	45.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	151943	17.937	ug/l	99
3) Chloromethane	2.06	50	181555	17.686	ug/l	99
4) Vinyl Chloride	2.19	62	192625	18.528	ug/l	100
5) Bromomethane	2.56	94	128428	17.830	ug/l	98
6) Chloroethane	2.71	64	118863	19.305	ug/l	99
7) Trichlorofluoromethane	3.02	101	277899	21.458	ug/l	100
8) Diethyl Ether	3.41	74	108488	22.204	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.76	101	178207	21.581	ug/l	98
10) Methyl Iodide	3.96	142	232654	20.063	ug/l	99
11) Tert butyl alcohol	4.78	59	50346	97.142	ug/l	97
12) 1,1-Dichloroethene	3.74	96	165271	20.716	ug/l	97
13) Acrolein	3.61	56	41855	89.065	ug/l	99
14) Allyl chloride	4.33	41	279463	22.615	ug/l	95
15) Acrylonitrile	4.99	53	323136	112.229	ug/l	99
16) Acetone	3.82	43	224358	134.717	ug/l	96
17) Carbon Disulfide	4.06	76	423385	16.273	ug/l	99
18) Methyl Acetate	4.33	43	188914	25.489	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	486082	22.768	ug/l	100
20) Methylene Chloride	4.55	84	192284	21.166	ug/l	97
21) trans-1,2-Dichloroethene	5.05	96	177864	20.751	ug/l	98
22) Diisopropyl ether	5.95	45	613255	23.250	ug/l	99
23) Vinyl Acetate	5.90	43	1724220	113.679	ug/l	99
24) 1,1-Dichloroethane	5.85	63	351743	22.442	ug/l	99
25) 2-Butanone	6.83	43	340105	121.685	ug/l	99
26) 2,2-Dichloropropane	6.83	77	262312	21.924	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	213692	22.022	ug/l	99
28) Bromochloromethane	7.20	49	136230	20.058	ug/l	96
29) Tetrahydrofuran	7.21	42	236555	113.322	ug/l	99
30) Chloroform	7.37	83	344239	22.357	ug/l	100
31) Cyclohexane	7.66	56	311356	20.562	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	282539	21.541	ug/l	99
36) 1,1-Dichloropropene	7.80	75	253822	20.701	ug/l	100
37) Ethyl Acetate	6.93	43	154561	22.580	ug/l	99
38) Carbon Tetrachloride	7.78	117	239592	21.318	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	281145	18.875	ug/l	100
40) Benzene	8.04	78	786986	21.578	ug/l	99
41) Methacrylonitrile	7.17	41	88487	22.374	ug/l	97
42) 1,2-Dichloroethane	8.13	62	236066	21.910	ug/l	98
43) Isopropyl Acetate	8.16	43	284503	20.870	ug/l #	89
44) Trichloroethene	8.84	130	212454	20.140	ug/l	98
45) 1,2-Dichloropropane	9.12	63	212693	22.389	ug/l	99
46) Dibromomethane	9.21	93	118834	21.473	ug/l	97
47) Bromodichloromethane	9.40	83	258455	21.971	ug/l	100
48) Methyl methacrylate	9.20	41	139099	20.942	ug/l	98
49) 1,4-Dioxane	9.20	88	25141	299.226	ug/l	98
51) 4-Methyl-2-Pentanone	9.98	43	727896	109.808	ug/l	99
52) Toluene	10.16	92	468156	20.709	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	249244	20.149	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	298528	21.025	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	172240	21.840	ug/l	99
56) Ethyl methacrylate	10.43	69	217363	20.823	ug/l	96
57) 1,3-Dichloropropane	10.71	76	290491	21.480	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	602741	105.177	ug/l	99
59) 2-Hexanone	10.75	43	472550	105.364	ug/l	99
60) Dibromochloromethane	10.90	129	188785	20.912	ug/l	100
61) 1,2-Dibromoethane	11.01	107	164815	20.577	ug/l	100
64) Tetrachloroethene	10.63	164	213001	18.063	ug/l	99
65) Chlorobenzene	11.43	112	515921	21.380	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	187734	22.372	ug/l	100
67) Ethyl Benzene	11.51	91	870799	20.984	ug/l	100
68) m/p-Xylenes	11.62	106	658043	41.711	ug/l	99
69) o-Xylene	11.95	106	319670	21.116	ug/l	99
70) Styrene	11.96	104	521421	21.123	ug/l	99
71) Bromoform	12.13	173	116974	19.296	ug/l #	100
73) Isopropylbenzene	12.25	105	848807	24.685	ug/l	99
74) N-amyl acetate	12.07	43	212789	22.289	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	169854	25.179	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	150481m	20.340	ug/l	
77) Bromobenzene	12.53	156	212990	23.829	ug/l	97
78) n-propylbenzene	12.59	91	939303	23.985	ug/l	99
79) 2-Chlorotoluene	12.67	91	555882	22.900	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	664687	23.716	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	47001	20.476	ug/l	98
82) 4-Chlorotoluene	12.77	91	561782	23.642	ug/l	99
83) tert-Butylbenzene	12.99	119	590859	23.837	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	659866	23.420	ug/l	100
85) sec-Butylbenzene	13.17	105	761338	22.708	ug/l	99
86) p-Isopropyltoluene	13.29	119	648073	22.370	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	344795	21.795	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	331348	20.683	ug/l	99
89) n-Butylbenzene	13.62	91	506573	20.325	ug/l	99
90) Hexachloroethane	13.88	117	94525	21.262	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	293224	19.694	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	10892	9.338	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	37547	5.299	ug/l	98
94) Hexachlorobutadiene	15.01	225	48096	9.447	ug/l	99
95) Naphthalene	15.14	128	61930	4.648	ug/l	98
96) 1,2,3-Trichlorobenzene	15.32	180	22354	3.623	ug/l	98

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

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