

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041419\
 Data File : VN055031.D
 Acq On : 13 Apr 2019 15:55
 Operator : JC/SP
 Sample : VN0414WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0414WBSD01

Manual Integrations
 APPROVED

MMDadoda
 4/17/2019 10:04:16 AM

Quant Time: Apr 14 03:51:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 13 03:34:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	403284	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	661965	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	580293	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	229263	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	278792	55.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.18%	
35) Dibromofluoromethane	7.59	113	221370	52.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.92%	
50) Toluene-d8	10.09	98	814362	52.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.08%	
62) 4-Bromofluorobenzene	12.40	95	262660	50.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	90754	20.402	ug/l	99
3) Chloromethane	2.06	50	119258	19.992	ug/l	99
4) Vinyl Chloride	2.19	62	98932	20.438	ug/l	99
5) Bromomethane	2.55	94	54600	19.485	ug/l	98
6) Chloroethane	2.70	64	52545	19.684	ug/l	100
7) Trichlorofluoromethane	3.02	101	123726	20.377	ug/l	98
8) Diethyl Ether	3.41	74	40181	21.042	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.74	101	62770	19.820	ug/l	99
10) Methyl Iodide	3.94	142	90822	19.885	ug/l	99
11) Tert butyl alcohol	4.83	59	31670m	101.694	ug/l	
12) 1,1-Dichloroethene	3.72	96	61815	19.825	ug/l	99
13) Acrolein	3.61	56	37640	100.132	ug/l	100
14) Allyl chloride	4.31	41	150352	19.735	ug/l	96
15) Acrylonitrile	5.00	53	193957	112.918	ug/l	100
16) Acetone	3.82	43	130407	93.797	ug/l	99
17) Carbon Disulfide	4.03	76	189461	18.655	ug/l	99
18) Methyl Acetate	4.33	43	92351	21.429	ug/l	98
19) Methyl tert-butyl Ether	5.06	73	240493	21.587	ug/l	98
20) Methylene Chloride	4.54	84	97249	20.662	ug/l	99
21) trans-1,2-Dichloroethene	5.03	96	83127	20.238	ug/l	97
22) Diisopropyl ether	5.96	45	329584	21.337	ug/l	99
23) Vinyl Acetate	5.90	43	1166728	107.992	ug/l	100
24) 1,1-Dichloroethane	5.84	63	174592	20.928	ug/l	99
25) 2-Butanone	6.85	43	237506	110.917	ug/l	99
26) 2,2-Dichloropropane	6.82	77	100633	18.233	ug/l	95
27) cis-1,2-Dichloroethene	6.83	96	96973	20.322	ug/l	99
28) Bromochloromethane	7.19	49	88992	22.483	ug/l	97
29) Tetrahydrofuran	7.22	42	162047	115.443	ug/l	99
30) Chloroform	7.37	83	164295	20.652	ug/l	98
31) Cyclohexane	7.65	56	156956	19.505	ug/l	96
32) 1,1,1-Trichloroethane	7.57	97	132057	20.837	ug/l	99
36) 1,1-Dichloropropene	7.79	75	119206	19.485	ug/l	98
37) Ethyl Acetate	6.94	43	100909	21.971	ug/l	98
38) Carbon Tetrachloride	7.77	117	107749	18.710	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	119980	17.130	ug/l	98
40) Benzene	8.04	78	374885	20.268	ug/l	99
41) Methacrylonitrile	7.18	41	59625	21.098	ug/l	96
42) 1,2-Dichloroethane	8.13	62	131697	20.240	ug/l	100
43) Isopropyl Acetate	8.17	43	170029	21.651	ug/l	100
44) Trichloroethene	8.83	130	91908	19.444	ug/l	100
45) 1,2-Dichloropropane	9.12	63	105922	20.293	ug/l	97
46) Dibromomethane	9.21	93	60576	20.254	ug/l	97
47) Bromodichloromethane	9.40	83	118927	19.554	ug/l	99
48) Methyl methacrylate	9.20	41	85242	21.070	ug/l	97
49) 1,4-Dioxane	9.20	88	14997	344.695	ug/l	93
51) 4-Methyl-2-Pentanone	9.99	43	500312	108.804	ug/l	98
52) Toluene	10.16	92	216606	19.801	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	103560	18.804	ug/l	97
54) cis-1,3-Dichloropropene	9.84	75	135434	19.963	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	86923	21.331	ug/l	98
56) Ethyl methacrylate	10.43	69	107358	20.474	ug/l	99
57) 1,3-Dichloropropane	10.71	76	146146	20.790	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	207067	99.690	ug/l	99
59) 2-Hexanone	10.75	43	309177	107.597	ug/l	99
60) Dibromochloromethane	10.90	129	79191	19.524	ug/l	98
61) 1,2-Dibromoethane	11.01	107	80918	20.740	ug/l	96
64) Tetrachloroethene	10.63	164	87483	19.273	ug/l	97
65) Chlorobenzene	11.43	112	226231	20.219	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	82935	20.113	ug/l	99
67) Ethyl Benzene	11.51	91	403091	19.612	ug/l	98
68) m/p-Xylenes	11.62	106	296800	39.470	ug/l	99
69) o-Xylene	11.95	106	147718	19.854	ug/l	99
70) Styrene	11.96	104	243191	20.615	ug/l	99
71) Bromoform	12.13	173	48516	18.857	ug/l #	100
73) Isopropylbenzene	12.25	105	382965	19.646	ug/l	99
74) N-amyl acetate	12.07	43	124676	21.220	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	107539	21.309	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	94498m	22.404	ug/l	
77) Bromobenzene	12.53	156	94408	21.063	ug/l	99
78) n-propylbenzene	12.59	91	408593	19.240	ug/l	100
79) 2-Chlorotoluene	12.67	91	258912	19.735	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	310315	19.555	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	20401	19.964	ug/l	92
82) 4-Chlorotoluene	12.77	91	250655	19.755	ug/l	99
83) tert-Butylbenzene	12.99	119	264547	19.460	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	302663	19.891	ug/l	100
85) sec-Butylbenzene	13.17	105	326824	18.830	ug/l	100
86) p-Isopropyltoluene	13.29	119	283912	18.805	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	149759	19.232	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	144338	19.380	ug/l	99
89) n-Butylbenzene	13.62	91	201882	17.026	ug/l	99
90) Hexachloroethane	13.87	117	42149	16.895	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	155016	20.506	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	13896	21.175	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	53224	16.706	ug/l	98
94) Hexachlorobutadiene	15.01	225	42866	17.494	ug/l	97
95) Naphthalene	15.13	128	131976	18.330	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	57679	16.914	ug/l	99

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

