

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091018\
 Data File : VN051095.D
 Acq On : 10 Sep 2018 23:08
 Operator : MD\SY
 Sample : VN09WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0910WBSD02

Quant Time: Sep 11 05:04:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 02:27:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	635482	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	918886	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	836704	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	392268	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	369946	52.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.62%	
35) Dibromofluoromethane	7.59	113	362255	52.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.94%	
50) Toluene-d8	10.09	98	1349641	51.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.02%	
62) 4-Bromofluorobenzene	12.40	95	426101	49.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	110696	18.06	ug/l	100
3) Chloromethane	2.06	50	156871	19.49	ug/l	99
4) Vinyl Chloride	2.18	62	154825	18.41	ug/l	100
5) Bromomethane	2.56	94	90322	18.41	ug/l	99
6) Chloroethane	2.70	64	93990	18.10	ug/l	99
7) Trichlorofluoromethane	3.01	101	206097	18.49	ug/l	99
8) Diethyl Ether	3.41	74	76470	18.65	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	128590	17.90	ug/l	100
10) Methyl Iodide	3.95	142	106613	19.71	ug/l	100
11) Tert butyl alcohol	4.80	59	48864	90.46	ug/l	99
12) 1,1-Dichloroethene	3.73	96	122430	18.06	ug/l	98
13) Acrolein	3.61	56	65380	113.81	ug/l	100
14) Allyl chloride	4.32	41	182843	17.70	ug/l	99
15) Acrylonitrile	5.00	53	230254	96.20	ug/l	99
16) Acetone	3.82	43	154815	84.68	ug/l	97
17) Carbon Disulfide	4.05	76	363369	18.26	ug/l	100
18) Methyl Acetate	4.33	43	105386	18.61	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	337315	18.82	ug/l	99
20) Methylene Chloride	4.55	84	145163	18.58	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	134084	18.24	ug/l	99
22) Diisopropyl ether	5.96	45	404258	19.72	ug/l	99
23) Vinyl Acetate	5.90	43	1323312	95.39	ug/l	100
24) 1,1-Dichloroethane	5.85	63	245111	18.85	ug/l	100
25) 2-Butanone	6.84	43	243798	87.68	ug/l	98
26) 2,2-Dichloropropane	6.83	77	165670	15.56	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	149916	18.59	ug/l	97
28) Bromochloromethane	7.19	49	112953	19.51	ug/l	99
29) Tetrahydrofuran	7.22	42	170650	98.28	ug/l	99
30) Chloroform	7.37	83	247861	19.16	ug/l	98
31) Cyclohexane	7.66	56	212700	18.20	ug/l	93
32) 1,1,1-Trichloroethane	7.57	97	207499	18.82	ug/l	99
36) 1,1-Dichloropropene	7.79	75	183455	18.18	ug/l	99
37) Ethyl Acetate	6.93	43	116476	19.93	ug/l	99
38) Carbon Tetrachloride	7.77	117	185099	18.64	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	191945	17.24	ug/l	98
40) Benzene	8.04	78	575711	18.94	ug/l	99
41) Methacrylonitrile	7.18	41	48306m	16.02	ug/l	
42) 1,2-Dichloroethane	8.13	62	169967	19.18	ug/l	99
43) Isopropyl Acetate	8.17	43	196996	19.11	ug/l #	90
44) Trichloroethene	8.84	130	150123	18.05	ug/l	96
45) 1,2-Dichloropropane	9.12	63	148774	18.94	ug/l	99
46) Dibromomethane	9.21	93	88830	18.53	ug/l	99
47) Bromodichloromethane	9.40	83	185211	19.01	ug/l	99
48) Methyl methacrylate	9.20	41	93678	18.65	ug/l	99
49) 1,4-Dioxane	9.20	88	29429	373.54	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	562894	98.73	ug/l	99
52) Toluene	10.16	92	354904	19.15	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	175817	18.03	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	209583	18.33	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	127912	19.00	ug/l	98
56) Ethyl methacrylate	10.43	69	153365	18.59	ug/l	99
57) 1,3-Dichloropropane	10.71	76	215432	19.30	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	325096	95.59	ug/l	99
59) 2-Hexanone	10.75	43	354542	91.70	ug/l	98
60) Dibromochloromethane	10.90	129	143950	18.97	ug/l	99
61) 1,2-Dibromoethane	11.01	107	126369	19.20	ug/l	99
64) Tetrachloroethene	10.63	164	141466	18.53	ug/l	97
65) Chlorobenzene	11.43	112	385903	18.30	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	142917	18.82	ug/l	100
67) Ethyl Benzene	11.51	91	626640	18.35	ug/l	99
68) m/p-Xylenes	11.62	106	495784	37.78	ug/l	99
69) o-Xylene	11.95	106	240924	18.96	ug/l	100
70) Styrene	11.96	104	375570	19.05	ug/l	100
71) Bromoform	12.13	173	98329	18.39	ug/l #	97
73) Isopropylbenzene	12.25	105	625453	19.01	ug/l	100
74) N-amyl acetate	12.07	43	150350	18.16	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	166967	21.21	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	136076m	21.53	ug/l	
77) Bromobenzene	12.53	156	164049	18.57	ug/l	100
78) n-propylbenzene	12.59	91	682789	18.88	ug/l	100
79) 2-Chlorotoluene	12.67	91	421115	18.63	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	513635	19.31	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	35110	17.00	ug/l	95
82) 4-Chlorotoluene	12.77	91	411915	18.36	ug/l	100
83) tert-Butylbenzene	12.99	119	436860	18.61	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	509876	19.50	ug/l	100
85) sec-Butylbenzene	13.17	105	571709	18.99	ug/l	100
86) p-Isopropyltoluene	13.29	119	484823	18.99	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	264445	17.64	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	252698	18.37	ug/l	99
89) n-Butylbenzene	13.62	91	338165	17.02	ug/l	98
90) Hexachloroethane	13.87	117	90694	19.13	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	256669	17.57	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	21028	19.13	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	90027	15.72	ug/l	99
94) Hexachlorobutadiene	15.01	225	79532	17.54	ug/l	100
95) Naphthalene	15.13	128	176692	16.04	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	97064	16.49	ug/l	99

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

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