

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092618\
 Data File : VN051518.D
 Acq On : 26 Sep 2018 6:38
 Operator : MD\SY
 Sample : VN0926WBSD02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0926WBSD02

Manual Integrations
 APPROVED

mmdadoda
 9/30/2018 9:54:43 AM

Quant Time: Sep 26 08:28:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092318W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 24 06:41:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	474794	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	707324	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	632635	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	311687	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	316371	53.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.38%	
35) Dibromofluoromethane	7.59	113	282245	49.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.80%	
50) Toluene-d8	10.09	98	1029255	48.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.64%	
62) 4-Bromofluorobenzene	12.40	95	331233	48.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	80800	18.241	ug/l	98
3) Chloromethane	2.06	50	139176	19.737	ug/l	97
4) Vinyl Chloride	2.19	62	147638	18.970	ug/l	97
5) Bromomethane	2.57	94	76270	16.393	ug/l	100
6) Chloroethane	2.70	64	95285	19.648	ug/l	100
7) Trichlorofluoromethane	3.01	101	208116	20.415	ug/l	99
8) Diethyl Ether	3.41	74	60244	17.020	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.76	101	104729	18.204	ug/l	97
10) Methyl Iodide	3.96	142	102701	13.640	ug/l	98
11) Tert butyl alcohol	4.79	59	34421	102.544	ug/l #	78
12) 1,1-Dichloroethene	3.74	96	92824	17.572	ug/l	96
13) Acrolein	3.61	56	24213	72.641	ug/l	100
14) Allyl chloride	4.32	41	150687	17.002	ug/l	97
15) Acrylonitrile	4.99	53	183597	100.546	ug/l	98
16) Acetone	3.82	43	127406	80.038	ug/l	97
17) Carbon Disulfide	4.05	76	260987	16.816	ug/l	100
18) Methyl Acetate	4.33	43	100219	22.125	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	265643	19.501	ug/l	99
20) Methylene Chloride	4.55	84	116668	19.823	ug/l	98
21) trans-1,2-Dichloroethene	5.05	96	101670	18.814	ug/l	96
22) Diisopropyl ether	5.96	45	364822	21.295	ug/l	100
23) Vinyl Acetate	5.90	43	1110614	98.742	ug/l	98
24) 1,1-Dichloroethane	5.85	63	211864	20.726	ug/l	98
25) 2-Butanone	6.84	43	199222	97.863	ug/l	93
26) 2,2-Dichloropropane	6.83	77	118227	14.817	ug/l	77
27) cis-1,2-Dichloroethene	6.83	96	115721	19.516	ug/l	99
28) Bromochloromethane	7.20	49	108069	22.894	ug/l	99
29) Tetrahydrofuran	7.22	42	135005	104.650	ug/l	98
30) Chloroform	7.37	83	211661	20.897	ug/l	99
31) Cyclohexane	7.65	56	169350	18.083	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	179738	20.757	ug/l	99
36) 1,1-Dichloropropene	7.80	75	149688	18.275	ug/l	99
37) Ethyl Acetate	6.94	43	95192	20.213	ug/l	98
38) Carbon Tetrachloride	7.78	117	159617	18.631	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	158777	16.582	ug/l	94
40) Benzene	8.04	78	460327	19.140	ug/l	100
41) Methacrylonitrile	7.18	41	45878	17.608	ug/l	97
42) 1,2-Dichloroethane	8.13	62	152126	19.754	ug/l	99
43) Isopropyl Acetate	8.17	43	176049	20.673	ug/l #	90
44) Trichloroethene	8.84	130	117935	18.462	ug/l	98
45) 1,2-Dichloropropane	9.12	63	128534	19.661	ug/l	98
46) Dibromomethane	9.21	93	72391	19.597	ug/l	98
47) Bromodichloromethane	9.40	83	160232	19.601	ug/l	99
48) Methyl methacrylate	9.20	41	81787	19.263	ug/l	97
49) 1,4-Dioxane	9.20	88	20371	391.489	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	465611	99.415	ug/l	99
52) Toluene	10.16	92	277416	18.561	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	141552	17.152	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	169552	17.716	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	104457	19.775	ug/l	99
56) Ethyl methacrylate	10.43	69	117899	18.255	ug/l	98
57) 1,3-Dichloropropane	10.71	76	175640	19.400	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	302040	99.747	ug/l	98
59) 2-Hexanone	10.75	43	287667	94.748	ug/l	97
60) Dibromochloromethane	10.90	129	116480	18.689	ug/l	100
61) 1,2-Dibromoethane	11.01	107	98839	19.275	ug/l	99
64) Tetrachloroethene	10.63	164	114383	19.922	ug/l	97
65) Chlorobenzene	11.43	112	303059	18.671	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	118110	19.099	ug/l	98
67) Ethyl Benzene	11.51	91	485012	17.731	ug/l	99
68) m/p-Xylenes	11.62	106	386352	36.514	ug/l	100
69) o-Xylene	11.95	106	183703	18.060	ug/l	97
70) Styrene	11.96	104	292223	18.130	ug/l	99
71) Bromoform	12.13	173	76851	18.315	ug/l #	98
73) Isopropylbenzene	12.25	105	491292	18.682	ug/l	99
74) N-amyl acetate	12.07	43	130342	19.754	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	129598	21.133	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	116723m	22.559	ug/l	
77) Bromobenzene	12.53	156	127549	19.159	ug/l	97
78) n-propylbenzene	12.59	91	557638	18.814	ug/l	98
79) 2-Chlorotoluene	12.67	91	341602	19.255	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	417206	19.456	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	27686	16.453	ug/l	100
82) 4-Chlorotoluene	12.77	91	340102	19.207	ug/l	98
83) tert-Butylbenzene	12.99	119	350636	18.371	ug/l	96
84) 1,2,4-Trimethylbenzene	13.04	105	419607	19.419	ug/l	99
85) sec-Butylbenzene	13.17	105	490207	18.985	ug/l	99
86) p-Isopropyltoluene	13.29	119	412145	18.446	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	217179	18.851	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	208321	18.793	ug/l	100
89) n-Butylbenzene	13.62	91	319917	17.413	ug/l	99
90) Hexachloroethane	13.88	117	83771	18.818	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	216971	19.410	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	17886	20.437	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	90512	19.204	ug/l	98
94) Hexachlorobutadiene	15.01	225	79464	18.789	ug/l	97
95) Naphthalene	15.13	128	160004	19.630	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	95712	17.842	ug/l	98

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

