

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092618\
 Data File : VN051492.D
 Acq On : 25 Sep 2018 19:08
 Operator : MD\SY
 Sample : VN0926WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0926WBSD01

Manual Integrations
 APPROVED

mmdadoda
 9/30/2018 9:53:42 AM

Quant Time: Sep 26 04:37:06 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	480922	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	695464	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	627022	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	302955	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	325918	54.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.20%	
35) Dibromofluoromethane	7.59	113	290091	52.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.32%	
50) Toluene-d8	10.09	98	1051773	50.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.44%	
62) 4-Bromofluorobenzene	12.40	95	335528	49.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.06%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	79742	17.773	ug/l	98
3) Chloromethane	2.06	50	148088	20.734	ug/l	98
4) Vinyl Chloride	2.18	62	155392	19.712	ug/l	96
5) Bromomethane	2.57	94	95383	20.226	ug/l	100
6) Chloroethane	2.70	64	99674	20.292	ug/l	99
7) Trichlorofluoromethane	3.01	101	212706	20.600	ug/l	99
8) Diethyl Ether	3.42	74	61227	17.087	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	106364	18.252	ug/l	96
10) Methyl Iodide	3.96	142	132533	17.302	ug/l	97
11) Tert butyl alcohol	4.80	59	33714	99.158	ug/l #	90
12) 1,1-Dichloroethene	3.73	96	95470	17.842	ug/l	97
13) Acrolein	3.61	56	29029	85.980	ug/l	97
14) Allyl chloride	4.33	41	167716	18.682	ug/l	99
15) Acrylonitrile	4.99	53	181379	98.066	ug/l	97
16) Acetone	3.82	43	128487	79.573	ug/l	97
17) Carbon Disulfide	4.05	76	265941	16.917	ug/l	99
18) Methyl Acetate	4.33	43	98227	21.409	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	271989	19.712	ug/l	98
20) Methylene Chloride	4.55	84	114922	19.278	ug/l	95
21) trans-1,2-Dichloroethene	5.05	96	103511	18.910	ug/l	98
22) Diisopropyl ether	5.96	45	361912	20.856	ug/l	97
23) Vinyl Acetate	5.90	43	1125011	98.748	ug/l	97
24) 1,1-Dichloroethane	5.85	63	214052	20.673	ug/l	99
25) 2-Butanone	6.84	43	201723	97.829	ug/l	96
26) 2,2-Dichloropropane	6.83	77	164720	20.380	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	120552	20.072	ug/l	99
28) Bromochloromethane	7.20	49	101678	21.265	ug/l	98
29) Tetrahydrofuran	7.22	42	138287	105.828	ug/l	96
30) Chloroform	7.37	83	215122	20.968	ug/l	97
31) Cyclohexane	7.65	56	179662	18.939	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	183167	20.884	ug/l	100
36) 1,1-Dichloropropene	7.80	75	156780	19.467	ug/l	97
37) Ethyl Acetate	6.93	43	91717	19.807	ug/l	98
38) Carbon Tetrachloride	7.78	117	163176	19.371	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	164378	17.460	ug/l	94
40) Benzene	8.04	78	472409	19.977	ug/l	100
41) Methacrylonitrile	7.18	41	49926	19.489	ug/l	96
42) 1,2-Dichloroethane	8.13	62	154079	20.349	ug/l	100
43) Isopropyl Acetate	8.17	43	167279	19.978	ug/l	97
44) Trichloroethene	8.84	130	120764	19.227	ug/l	96
45) 1,2-Dichloropropane	9.12	63	130195	20.254	ug/l	98
46) Dibromomethane	9.21	93	73133	20.136	ug/l	99
47) Bromodichloromethane	9.40	83	161482	20.091	ug/l	99
48) Methyl methacrylate	9.20	41	82934	19.866	ug/l	97
49) 1,4-Dioxane	9.20	88	20453	399.768	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	459230	99.725	ug/l	100
52) Toluene	10.16	92	283618	19.299	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	152937	18.847	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	180757	19.209	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	107921	20.779	ug/l	97
56) Ethyl methacrylate	10.43	69	120263	18.939	ug/l	99
57) 1,3-Dichloropropane	10.71	76	178288	20.028	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	290733	98.078	ug/l	99
59) 2-Hexanone	10.75	43	281388	94.260	ug/l	98
60) Dibromochloromethane	10.90	129	117616	19.193	ug/l	99
61) 1,2-Dibromoethane	11.01	107	98174	19.472	ug/l	99
64) Tetrachloroethene	10.63	164	111505	19.595	ug/l	96
65) Chlorobenzene	11.43	112	305038	18.961	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	121202	19.775	ug/l	97
67) Ethyl Benzene	11.51	91	502468	18.533	ug/l	99
68) m/p-Xylenes	11.62	106	390279	37.216	ug/l	98
69) o-Xylene	11.95	106	190935	18.939	ug/l	99
70) Styrene	11.96	104	294978	18.465	ug/l	99
71) Bromoform	12.13	173	78063	18.770	ug/l #	100
73) Isopropylbenzene	12.25	105	507462	19.853	ug/l	99
74) N-amyl acetate	12.07	43	122158	19.047	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	127773	21.436	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	110670m	22.005	ug/l	
77) Bromobenzene	12.53	156	129177	19.963	ug/l	97
78) n-propylbenzene	12.59	91	566426	19.662	ug/l	98
79) 2-Chlorotoluene	12.67	91	348330	20.200	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	421036	20.200	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	30083	18.393	ug/l	98
82) 4-Chlorotoluene	12.77	91	337750	19.624	ug/l	98
83) tert-Butylbenzene	12.99	119	359808	19.395	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	422690	20.125	ug/l	100
85) sec-Butylbenzene	13.17	105	501310	19.974	ug/l	98
86) p-Isopropyltoluene	13.29	119	423339	19.494	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	215259	19.223	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	205094	19.035	ug/l	99
89) n-Butylbenzene	13.62	91	322754	18.073	ug/l	98
90) Hexachloroethane	13.87	117	83183	19.224	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	214464	19.739	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	17792	20.916	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	81571	18.241	ug/l	98
94) Hexachlorobutadiene	15.01	225	79671	19.381	ug/l	99
95) Naphthalene	15.13	128	139389	18.428	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	85913	16.477	ug/l	97

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

