

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092318\
 Data File : VN051428.D
 Acq On : 23 Sep 2018 22:08
 Operator : MD\SY
 Sample : VN0923WBSD02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0923WBSD02

Manual Integrations
 APPROVED

apatel
 9/25/2018 11:52:18 AM

Quant Time: Sep 24 08:01:19 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	487442	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	723611	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	627949	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	300249	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	334000	54.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.40%	
35) Dibromofluoromethane	7.59	113	301761	52.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.30%	
50) Toluene-d8	10.09	98	1086385	49.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.72%	
62) 4-Bromofluorobenzene	12.40	95	336770	47.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	91648	20.153	ug/l	99
3) Chloromethane	2.06	50	150760	20.825	ug/l	99
4) Vinyl Chloride	2.18	62	164307	20.564	ug/l	99
5) Bromomethane	2.57	94	100814	21.089	ug/l	98
6) Chloroethane	2.71	64	102740	20.636	ug/l	100
7) Trichlorofluoromethane	3.02	101	195353	18.666	ug/l	99
8) Diethyl Ether	3.41	74	60869	16.704	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	102438	17.343	ug/l	98
10) Methyl Iodide	3.95	142	139447	17.951	ug/l	98
11) Tert butyl alcohol	4.79	59	33287	96.592	ug/l #	95
12) 1,1-Dichloroethene	3.74	96	96388	17.773	ug/l	98
13) Acrolein	3.61	56	28082	82.063	ug/l	96
14) Allyl chloride	4.33	41	155370	17.075	ug/l	99
15) Acrylonitrile	4.99	53	169465	90.399	ug/l	99
16) Acetone	3.82	43	120807	71.890	ug/l	100
17) Carbon Disulfide	4.06	76	282825	17.750	ug/l	99
18) Methyl Acetate	4.33	43	89411	19.227	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	267642	19.138	ug/l	95
20) Methylene Chloride	4.55	84	116889	19.345	ug/l	97
21) trans-1,2-Dichloroethene	5.04	96	103713	18.694	ug/l	98
22) Diisopropyl ether	5.96	45	362222	20.594	ug/l	99
23) Vinyl Acetate	5.90	43	1096080	94.921	ug/l	99
24) 1,1-Dichloroethane	5.85	63	214151	20.406	ug/l	99
25) 2-Butanone	6.84	43	181380	86.786	ug/l	96
26) 2,2-Dichloropropane	6.83	77	89417	10.915	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	117407	19.286	ug/l	98
28) Bromochloromethane	7.20	49	100807	20.801	ug/l	98
29) Tetrahydrofuran	7.22	42	125025	94.399	ug/l	99
30) Chloroform	7.37	83	213847	20.565	ug/l	99
31) Cyclohexane	7.66	56	177661	18.478	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	182821	20.565	ug/l	100
36) 1,1-Dichloropropene	7.79	75	155949	18.611	ug/l	98
37) Ethyl Acetate	6.93	43	85376	17.720	ug/l	98
38) Carbon Tetrachloride	7.78	117	165202	18.849	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	159261	16.258	ug/l	97
40) Benzene	8.04	78	465447	18.917	ug/l	98
41) Methacrylonitrile	7.18	41	48600m	18.233	ug/l	
42) 1,2-Dichloroethane	8.13	62	150777	19.138	ug/l	100
43) Isopropyl Acetate	8.17	43	173921	19.963	ug/l	95
44) Trichloroethene	8.84	130	120853	18.493	ug/l	97
45) 1,2-Dichloropropane	9.12	63	126744	18.950	ug/l	97
46) Dibromomethane	9.21	93	73509	19.452	ug/l	98
47) Bromodichloromethane	9.40	83	160058	19.139	ug/l	99
48) Methyl methacrylate	9.20	41	85009	19.571	ug/l	95
49) 1,4-Dioxane	9.20	88	19667	369.452	ug/l	96
51) 4-Methyl-2-Pentanone	9.99	43	427970	89.321	ug/l	99
52) Toluene	10.16	92	281842	18.432	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	134134	15.887	ug/l	97
54) cis-1,3-Dichloropropene	9.84	75	161673	16.512	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	101833	18.844	ug/l	99
56) Ethyl methacrylate	10.43	69	116639	17.654	ug/l	99
57) 1,3-Dichloropropane	10.71	76	171971	18.567	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.70	63	304704	98.644	ug/l	99
59) 2-Hexanone	10.75	43	264183	85.054	ug/l	97
60) Dibromochloromethane	10.90	129	114839	18.011	ug/l	99
61) 1,2-Dibromoethane	11.01	107	95106	18.130	ug/l	99
64) Tetrachloroethene	10.63	164	116201	20.390	ug/l	98
65) Chlorobenzene	11.43	112	301515	18.715	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	122080	19.889	ug/l	99
67) Ethyl Benzene	11.51	91	508750	18.737	ug/l	100
68) m/p-Xylenes	11.62	106	385064	36.664	ug/l	100
69) o-Xylene	11.95	106	186731	18.495	ug/l	98
70) Styrene	11.96	104	289828	18.116	ug/l	98
71) Bromoform	12.13	173	77667	18.647	ug/l #	97
73) Isopropylbenzene	12.25	105	489033	19.304	ug/l	99
74) N-amyl acetate	12.07	43	116932	18.397	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	118296	20.025	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	113025m	22.676	ug/l	
77) Bromobenzene	12.53	156	124026	19.340	ug/l	99
78) n-propylbenzene	12.59	91	546602	19.145	ug/l	99
79) 2-Chlorotoluene	12.67	91	337966	19.775	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	404130	19.564	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	22867	14.107	ug/l	95
82) 4-Chlorotoluene	12.77	91	326059	19.115	ug/l	100
83) tert-Butylbenzene	12.99	119	353763	19.241	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	411218	19.756	ug/l	99
85) sec-Butylbenzene	13.17	105	471105	18.940	ug/l	99
86) p-Isopropyltoluene	13.29	119	398906	18.534	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	207750	18.720	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	199697	18.701	ug/l	99
89) n-Butylbenzene	13.62	91	296573	16.757	ug/l	99
90) Hexachloroethane	13.87	117	81778	19.070	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	209216	19.429	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	16585	19.673	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	84009	18.722	ug/l	98
94) Hexachlorobutadiene	15.01	225	73654	18.078	ug/l	97
95) Naphthalene	15.13	128	146977	19.092	ug/l	98
96) 1,2,3-Trichlorobenzene	15.31	180	87121	16.859	ug/l	99

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

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