

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092318\
 Data File : VN051427.D
 Acq On : 23 Sep 2018 21:44
 Operator : MD\SY
 Sample : VN0923WBS02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0923WBS02

Manual Integrations
 APPROVED

apatel
 9/25/2018 11:52:15 AM

Quant Time: Sep 24 07:59:17 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	498025	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	725838	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	627954	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	306629	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	324224	51.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.94%	
35) Dibromofluoromethane	7.59	113	289574	49.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.78%	
50) Toluene-d8	10.09	98	1073435	49.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.22%	
62) 4-Bromofluorobenzene	12.40	95	327989	46.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.78%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.85	85	90350	19.445	ug/l 98
3) Chloromethane	2.06	50	153849	20.800	ug/l 100
4) Vinyl Chloride	2.18	62	167931	20.571	ug/l 97
5) Bromomethane	2.57	94	96066	19.673	ug/l 96
6) Chloroethane	2.71	64	104804	20.603	ug/l 96
7) Trichlorofluoromethane	3.02	101	228605	21.379	ug/l 99
8) Diethyl Ether	3.41	74	78199	21.765	ug/l 94
9) 1,1,2-Trichlorotrifluoroet	3.76	101	142286	23.578	ug/l 99
10) Methyl Iodide	3.95	142	174238	21.891	ug/l 99
11) Tert butyl alcohol	4.79	59	40512	115.060	ug/l 98
12) 1,1-Dichloroethene	3.74	96	129908	23.445	ug/l 97
13) Acrolein	3.61	56	41921	119.901	ug/l 97
14) Allyl chloride	4.33	41	221937	23.873	ug/l 99
15) Acrylonitrile	4.99	53	227976	119.027	ug/l 99
16) Acetone	3.82	43	159815	100.928	ug/l 99
17) Carbon Disulfide	4.05	76	380909	23.398	ug/l 99
18) Methyl Acetate	4.33	43	123308	25.952	ug/l 96
19) Methyl tert-butyl Ether	5.05	73	333594	23.347	ug/l 100
20) Methylene Chloride	4.55	84	156306	25.319	ug/l 97
21) trans-1,2-Dichloroethene	5.05	96	136795	24.133	ug/l 99
22) Diisopropyl ether	5.96	45	383219	21.325	ug/l 99
23) Vinyl Acetate	5.90	43	1167209	98.933	ug/l 99
24) 1,1-Dichloroethane	5.85	63	226372	21.112	ug/l 99
25) 2-Butanone	6.84	43	186033	87.121	ug/l 97
26) 2,2-Dichloropropane	6.83	77	144573	17.273	ug/l 99
27) cis-1,2-Dichloroethene	6.83	96	119320	19.184	ug/l 97
28) Bromochloromethane	7.20	49	100595	20.316	ug/l 100
29) Tetrahydrofuran	7.21	42	129976	96.052	ug/l 98
30) Chloroform	7.37	83	218976	20.611	ug/l 99
31) Cyclohexane	7.66	56	188649	19.204	ug/l 98
32) 1,1,1-Trichloroethane	7.57	97	188671	20.773	ug/l 99
36) 1,1-Dichloropropene	7.80	75	160810	19.132	ug/l 98
37) Ethyl Acetate	6.93	43	93316	19.309	ug/l 99
38) Carbon Tetrachloride	7.77	117	168823	19.203	ug/l 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	175072	17.817	ug/l	96
40) Benzene	8.04	78	483384	19.586	ug/l	100
41) Methacrylonitrile	7.18	41	50531	18.899	ug/l	92
42) 1,2-Dichloroethane	8.13	62	155261	19.647	ug/l	100
43) Isopropyl Acetate	8.17	43	173073	19.805	ug/l #	89
44) Trichloroethene	8.84	130	125596	19.160	ug/l	100
45) 1,2-Dichloropropane	9.12	63	132049	19.683	ug/l	99
46) Dibromomethane	9.21	93	73268	19.329	ug/l	99
47) Bromodichloromethane	9.40	83	165176	19.691	ug/l	97
48) Methyl methacrylate	9.20	41	78301	17.972	ug/l	100
49) 1,4-Dioxane	9.20	88	18855	353.112	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	435172	90.546	ug/l	100
52) Toluene	10.16	92	291050	18.976	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	150058	17.719	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	178460	18.171	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	106167	19.586	ug/l	97
56) Ethyl methacrylate	10.43	69	117516	17.732	ug/l	100
57) 1,3-Dichloropropane	10.71	76	175674	18.908	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	308354	99.339	ug/l	98
59) 2-Hexanone	10.75	43	260334	83.558	ug/l	98
60) Dibromochloromethane	10.90	129	120092	18.777	ug/l	99
61) 1,2-Dibromoethane	11.01	107	98592	18.736	ug/l	98
64) Tetrachloroethene	10.63	164	119209	20.918	ug/l	98
65) Chlorobenzene	11.43	112	306455	19.021	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	121483	19.791	ug/l	99
67) Ethyl Benzene	11.51	91	512048	18.859	ug/l	100
68) m/p-Xylenes	11.62	106	402787	38.351	ug/l	100
69) o-Xylene	11.95	106	190296	18.848	ug/l	97
70) Styrene	11.96	104	296835	18.554	ug/l	97
71) Bromoform	12.13	173	77356	18.573	ug/l #	100
73) Isopropylbenzene	12.25	105	515513	19.926	ug/l	100
74) N-amyl acetate	12.07	43	117299	18.070	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	118267	19.603	ug/l	97
76) 1,2,3-Trichloropropane	12.55	75	111240m	21.854	ug/l	
77) Bromobenzene	12.53	156	126724	19.349	ug/l	99
78) n-propylbenzene	12.59	91	572764	19.644	ug/l	98
79) 2-Chlorotoluene	12.67	91	350776	20.098	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	420054	19.912	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	27568	16.653	ug/l	93
82) 4-Chlorotoluene	12.77	91	338393	19.425	ug/l	99
83) tert-Butylbenzene	12.99	119	367245	19.558	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	427538	20.112	ug/l	100
85) sec-Butylbenzene	13.17	105	498448	19.622	ug/l	100
86) p-Isopropyltoluene	13.29	119	422783	19.235	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	214569	18.932	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	206556	18.941	ug/l	98
89) n-Butylbenzene	13.62	91	319299	17.666	ug/l	99
90) Hexachloroethane	13.87	117	85003	19.409	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	212589	19.332	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	17690	20.547	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	84847	18.581	ug/l	96
94) Hexachlorobutadiene	15.01	225	78361	18.834	ug/l	97
95) Naphthalene	15.13	128	136692	18.105	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	83457	15.814	ug/l	94

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

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