

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102418\
 Data File : VN051976.D
 Acq On : 24 Oct 2018 9:45
 Operator : MD\SY
 Sample : VN1024WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1024WBS01

Manual Integrations
 APPROVED

apatel
 10/25/2018 9:23:37 AM

Quant Time: Oct 25 10:11:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 24 10:12:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1111234	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1610261	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1481067	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	775231	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	474351	47.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.86%	
35) Dibromofluoromethane	7.59	113	496785	48.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.70%	
50) Toluene-d8	10.09	98	1796870	48.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.78%	
62) 4-Bromofluorobenzene	12.40	95	618726	48.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.96%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	134057	19.010	ug/l	99
3) Chloromethane	2.06	50	122308	19.263	ug/l	98
4) Vinyl Chloride	2.19	62	154057	18.101	ug/l	97
5) Bromomethane	2.58	94	156374	19.190	ug/l	96
6) Chloroethane	2.71	64	109198	17.282	ug/l	100
7) Trichlorofluoromethane	3.03	101	285249	18.810	ug/l	97
8) Diethyl Ether	3.41	74	84099	18.653	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.77	101	181139	19.940	ug/l	99
10) Methyl Iodide	3.96	142	261407	19.449	ug/l	99
11) Tert butyl alcohol	4.79	59	45567	88.965	ug/l	99
12) 1,1-Dichloroethene	3.74	96	158332	19.462	ug/l	98
13) Acrolein	3.61	56	24555	108.144	ug/l	94
14) Allyl chloride	4.33	41	152118	17.670	ug/l	95
15) Acrylonitrile	4.99	53	200160	92.575	ug/l	99
16) Acetone	3.82	43	147470	90.440	ug/l	97
17) Carbon Disulfide	4.06	76	364038	18.825	ug/l	97
18) Methyl Acetate	4.33	43	93159	17.304	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	411132	18.823	ug/l	99
20) Methylene Chloride	4.55	84	175975	18.397	ug/l	98
21) trans-1,2-Dichloroethene	5.05	96	172881	18.764	ug/l	96
22) Diisopropyl ether	5.95	45	372071	18.891	ug/l	95
23) Vinyl Acetate	5.90	43	1271289	94.885	ug/l	100
24) 1,1-Dichloroethane	5.85	63	268831	18.696	ug/l	99
25) 2-Butanone	6.83	43	220341	94.789	ug/l	98
26) 2,2-Dichloropropane	6.82	77	258108	19.619	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	202992	18.860	ug/l	99
28) Bromochloromethane	7.19	49	111565	19.251	ug/l	97
29) Tetrahydrofuran	7.21	42	143636	91.200	ug/l	96
30) Chloroform	7.37	83	334171	19.032	ug/l	97
31) Cyclohexane	7.65	56	236981	18.892	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	306785	19.108	ug/l	99
36) 1,1-Dichloropropene	7.79	75	235754	19.086	ug/l	99
37) Ethyl Acetate	6.93	43	101438	17.119	ug/l	99
38) Carbon Tetrachloride	7.78	117	270961	19.108	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	294030	19.489	ug/l	99
40) Benzene	8.04	78	701933	19.139	ug/l	100
41) Methacrylonitrile	7.17	41	49212	17.730	ug/l	98
42) 1,2-Dichloroethane	8.12	62	221702	18.854	ug/l	99
43) Isopropyl Acetate	8.17	43	193974	18.751	ug/l #	85
44) Trichloroethene	8.83	130	224295	19.053	ug/l	98
45) 1,2-Dichloropropane	9.12	63	161296	19.442	ug/l	99
46) Dibromomethane	9.21	93	125976	18.837	ug/l	99
47) Bromodichloromethane	9.40	83	239024	18.924	ug/l	99
48) Methyl methacrylate	9.20	41	92664	18.533	ug/l	99
49) 1,4-Dioxane	9.20	88	33653	367.057	ug/l	97
51) 4-Methyl-2-Pentanone	9.98	43	520317	91.441	ug/l	99
52) Toluene	10.16	92	476473	19.159	ug/l	97
53) t-1,3-Dichloropropene	10.38	75	223113	18.111	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	257380	19.496	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	172890	18.815	ug/l	96
56) Ethyl methacrylate	10.43	69	188353	19.069	ug/l	98
57) 1,3-Dichloropropane	10.71	76	263961	18.922	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	499269	96.603	ug/l	100
59) 2-Hexanone	10.75	43	351819	92.022	ug/l	100
60) Dibromochloromethane	10.90	129	188190	17.397	ug/l	96
61) 1,2-Dibromoethane	11.00	107	183118	18.901	ug/l	99
64) Tetrachloroethene	10.63	164	214518	18.871	ug/l	98
65) Chlorobenzene	11.43	112	572504	19.145	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	204229	19.001	ug/l	98
67) Ethyl Benzene	11.51	91	936344	19.480	ug/l	100
68) m/p-Xylenes	11.62	106	750957	39.102	ug/l	98
69) o-Xylene	11.95	106	365541	19.571	ug/l	99
70) Styrene	11.96	104	583698	19.553	ug/l	99
71) Bromoform	12.13	173	114942	17.052	ug/l #	99
73) Isopropylbenzene	12.25	105	986818	20.072	ug/l	100
74) N-amyl acetate	12.07	43	176671	18.256	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	195864	19.280	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	139101m	17.371	ug/l	
77) Bromobenzene	12.53	156	262215	19.325	ug/l	98
78) n-propylbenzene	12.59	91	1076832	20.304	ug/l	99
79) 2-Chlorotoluene	12.67	91	619879	20.070	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	819311	20.771	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	41639	17.961	ug/l	98
82) 4-Chlorotoluene	12.77	91	641644	20.065	ug/l	99
83) tert-Butylbenzene	12.99	119	754748	20.230	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	824938	20.275	ug/l	100
85) sec-Butylbenzene	13.17	105	994638	20.413	ug/l	99
86) p-Isopropyltoluene	13.29	119	892102	20.336	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	483254	19.310	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	480546	19.477	ug/l	99
89) n-Butylbenzene	13.61	91	697406	19.965	ug/l	99
90) Hexachloroethane	13.87	117	131156	20.068	ug/l	93
91) 1,2-Dichlorobenzene	13.65	146	462248	19.094	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	25313	16.228	ug/l	98

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93) 1,2,4-Trichlorobenzene	14.91	180	234985	16.432	ug/l	99
94) Hexachlorobutadiene	15.01	225	134562	18.312	ug/l	98
95) Naphthalene	15.13	128	455539	14.668	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	206214	15.086	ug/l	100

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

