

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102418\
 Data File : VN051977.D
 Acq On : 24 Oct 2018 10:12
 Operator : MD\SY
 Sample : VN1024WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1024WBSD01

Manual Integrations
 APPROVED

apatel
 10/25/2018 9:23:41 AM

Quant Time: Oct 25 10:12:03 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	1098295	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1613561	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1489938	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	760407	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	478899	48.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.92%	
35) Dibromofluoromethane	7.59	113	498774	48.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.88%	
50) Toluene-d8	10.09	98	1809209	48.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.24%	
62) 4-Bromofluorobenzene	12.40	95	612758	47.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	133025	19.086	ug/l	99
3) Chloromethane	2.06	50	122840	19.575	ug/l	95
4) Vinyl Chloride	2.19	62	154662	18.387	ug/l	100
5) Bromomethane	2.57	94	162742	20.207	ug/l	93
6) Chloroethane	2.71	64	115500	18.495	ug/l	100
7) Trichlorofluoromethane	3.02	101	287395	19.175	ug/l	98
8) Diethyl Ether	3.41	74	87014	19.527	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	175265	19.520	ug/l	100
10) Methyl Iodide	3.96	142	270322	20.350	ug/l	99
11) Tert butyl alcohol	4.78	59	42996	84.935	ug/l	99
12) 1,1-Dichloroethene	3.74	96	158730	19.741	ug/l	97
13) Acrolein	3.62	56	21786	100.893	ug/l	91
14) Allyl chloride	4.33	41	164551	19.340	ug/l	96
15) Acrylonitrile	4.99	53	216021	101.088	ug/l	99
16) Acetone	3.82	43	149128	92.535	ug/l	96
17) Carbon Disulfide	4.06	76	366273	19.163	ug/l	99
18) Methyl Acetate	4.33	43	100347	19.076	ug/l	97
19) Methyl tert-butyl Ether	5.04	73	422727	19.582	ug/l	99
20) Methylene Chloride	4.55	84	176035	18.620	ug/l	96
21) trans-1,2-Dichloroethene	5.05	96	176117	19.340	ug/l	97
22) Diisopropyl ether	5.96	45	384411	19.747	ug/l	98
23) Vinyl Acetate	5.90	43	1302274	98.343	ug/l	100
24) 1,1-Dichloroethane	5.85	63	275374	19.376	ug/l	99
25) 2-Butanone	6.83	43	225893	98.322	ug/l	100
26) 2,2-Dichloropropane	6.83	77	253617	19.505	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	211860	19.915	ug/l	97
28) Bromochloromethane	7.20	49	114179	19.934	ug/l	99
29) Tetrahydrofuran	7.21	42	148087	95.134	ug/l	98
30) Chloroform	7.37	83	338346	19.497	ug/l	97
31) Cyclohexane	7.65	56	235011	18.965	ug/l	94
32) 1,1,1-Trichloroethane	7.57	97	310566	19.571	ug/l	99
36) 1,1-Dichloropropene	7.79	75	232070	18.749	ug/l	99
37) Ethyl Acetate	6.93	43	110989	18.876	ug/l	98
38) Carbon Tetrachloride	7.78	117	276307	19.445	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	289959	19.180	ug/l	99
40) Benzene	8.04	78	711541	19.362	ug/l	100
41) Methacrylonitrile	7.17	41	53767	19.331	ug/l	93
42) 1,2-Dichloroethane	8.12	62	226270	19.203	ug/l	100
43) Isopropyl Acetate	8.16	43	200818	19.373	ug/l #	84
44) Trichloroethene	8.84	130	226895	19.235	ug/l	98
45) 1,2-Dichloropropane	9.12	63	162232	19.515	ug/l	99
46) Dibromomethane	9.21	93	132604	19.787	ug/l	97
47) Bromodichloromethane	9.40	83	245353	19.386	ug/l	99
48) Methyl methacrylate	9.20	41	94237	18.809	ug/l	97
49) 1,4-Dioxane	9.20	88	30331	330.147	ug/l	95
51) 4-Methyl-2-Pentanone	9.98	43	549375	96.350	ug/l	98
52) Toluene	10.16	92	486609	19.526	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	229384	18.549	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	262477	19.842	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	177664	19.295	ug/l	99
56) Ethyl methacrylate	10.43	69	193873	19.588	ug/l	99
57) 1,3-Dichloropropane	10.71	76	268777	19.228	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	514189	99.287	ug/l	100
59) 2-Hexanone	10.75	43	369205	96.372	ug/l	100
60) Dibromochloromethane	10.90	129	195671	17.977	ug/l	100
61) 1,2-Dibromoethane	11.01	107	186541	19.214	ug/l	100
64) Tetrachloroethene	10.63	164	214276	18.737	ug/l	96
65) Chlorobenzene	11.43	112	585584	19.466	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	209441	19.370	ug/l	100
67) Ethyl Benzene	11.51	91	928235	19.196	ug/l	99
68) m/p-Xylenes	11.62	106	758639	39.267	ug/l	100
69) o-Xylene	11.95	106	368515	19.613	ug/l	99
70) Styrene	11.96	104	591765	19.705	ug/l	100
71) Bromoform	12.13	173	119825	17.536	ug/l #	100
73) Isopropylbenzene	12.25	105	983024	20.384	ug/l	99
74) N-amyl acetate	12.07	43	184004	19.385	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	199092	19.980	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	144412m	18.386	ug/l	
77) Bromobenzene	12.53	156	269929	20.281	ug/l	100
78) n-propylbenzene	12.59	91	1060008	20.376	ug/l	100
79) 2-Chlorotoluene	12.67	91	622505	20.548	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	806987	20.857	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	44028	19.221	ug/l	96
82) 4-Chlorotoluene	12.77	91	636190	20.283	ug/l	99
83) tert-Butylbenzene	12.99	119	750679	20.514	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	824468	20.658	ug/l	99
85) sec-Butylbenzene	13.17	105	983594	20.580	ug/l	98
86) p-Isopropyltoluene	13.29	119	884968	20.567	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	482308	19.648	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	481585	19.900	ug/l	98
89) n-Butylbenzene	13.61	91	682976	19.933	ug/l	99
90) Hexachloroethane	13.87	117	128980	20.120	ug/l	94
91) 1,2-Dichlorobenzene	13.65	146	466569	19.648	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	26675	17.435	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	226349	16.136	ug/l	99
94) Hexachlorobutadiene	15.01	225	130548	18.112	ug/l	98
95) Naphthalene	15.13	128	457242	15.009	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	198336	14.792	ug/l	99

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

