

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100520\
 Data File : VN063867.D
 Acq On : 5 Oct 2020 13:45
 Operator : JC/MD
 Sample : VN1005WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1005WBSD01

Manual Integrations
 APPROVED

MMDadoda
 10/6/2020 12:56:42 PM

Quant Time: Oct 06 02:08:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	269897	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	445371	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	415323	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	193353	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	232241	52.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.18%	
35) Dibromofluoromethane	7.55	113	161290	52.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.38%	
50) Toluene-d8	10.06	98	593433	50.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.32%	
62) 4-Bromofluorobenzene	12.38	95	219313	49.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	50869	17.862	ug/l	99
3) Chloromethane	2.04	50	61111	18.288	ug/l	97
4) Vinyl Chloride	2.17	62	59406	17.711	ug/l	99
5) Bromomethane	2.53	94	40288	19.095	ug/l	98
6) Chloroethane	2.68	64	38972	19.444	ug/l	97
7) Trichlorofluoromethane	2.99	101	100275	18.849	ug/l	97
8) Diethyl Ether	3.38	74	34047	18.924	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.72	101	53225	18.719	ug/l	97
10) Methyl Iodide	3.91	142	64273	19.468	ug/l	98
11) Tert butyl alcohol	4.73	59	47896	97.295	ug/l	97
12) 1,1-Dichloroethene	3.70	96	51084	18.796	ug/l	99
13) Acrolein	3.57	56	30903	102.283	ug/l	100
14) Allyl chloride	4.28	41	98255	19.460	ug/l	96
15) Acrylonitrile	4.93	53	136294	96.724	ug/l	98
16) Acetone	3.77	43	131685	95.939	ug/l	98
17) Carbon Disulfide	4.01	76	129716	18.112	ug/l	97
18) Methyl Acetate	4.28	43	73648	20.666	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	186270	18.865	ug/l	98
20) Methylene Chloride	4.50	84	63956	20.401	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	56229	18.471	ug/l	99
22) Diisopropyl ether	5.90	45	204515	19.687	ug/l	95
23) Vinyl Acetate	5.85	43	840640	97.689	ug/l	99
24) 1,1-Dichloroethane	5.80	63	112538	18.946	ug/l	98
25) 2-Butanone	6.78	43	193100	99.230	ug/l	100
26) 2,2-Dichloropropane	6.78	77	103190	18.971	ug/l	96
27) cis-1,2-Dichloroethene	6.78	96	65417	18.685	ug/l	97
28) Bromochloromethane	7.15	49	61993	21.117	ug/l	100
29) Tetrahydrofuran	7.16	42	129263	99.040	ug/l	99
30) Chloroform	7.33	83	120144	19.399	ug/l	92
31) Cyclohexane	7.62	56	96903	18.720	ug/l #	95
32) 1,1,1-Trichloroethane	7.53	97	108880	19.491	ug/l	99
36) 1,1-Dichloropropene	7.76	75	83831	18.579	ug/l	99
37) Ethyl Acetate	6.88	43	82776	18.465	ug/l	98
38) Carbon Tetrachloride	7.73	117	95970	18.968	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	77420	17.206	ug/l	98
40) Benzene	8.00	78	243773	18.915	ug/l	98
41) Methacrylonitrile	7.13	41	35620	17.879	ug/l #	82
42) 1,2-Dichloroethane	8.09	62	107485	19.538	ug/l	99
43) Isopropyl Acetate	8.13	43	143130	19.357	ug/l #	91
44) Trichloroethene	8.80	130	63781	18.889	ug/l	95
45) 1,2-Dichloropropane	9.08	63	67968	19.528	ug/l	99
46) Dibromomethane	9.17	93	45973	19.147	ug/l	99
47) Bromodichloromethane	9.37	83	102196	20.652	ug/l	97
48) Methyl methacrylate	9.17	41	73527	20.127	ug/l	95
49) 1,4-Dioxane	9.17	88	19113	368.127	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	437668	100.863	ug/l	100
52) Toluene	10.13	92	151911	19.057	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	99976	18.848	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	106652	19.225	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	62122	19.433	ug/l	97
56) Ethyl methacrylate	10.40	69	87422	19.293	ug/l	97
57) 1,3-Dichloropropane	10.68	76	104734	19.365	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	236371	97.518	ug/l	98
59) 2-Hexanone	10.72	43	312777	97.032	ug/l	99
60) Dibromochloromethane	10.87	129	71598	19.232	ug/l	97
61) 1,2-Dibromoethane	10.98	107	63894	19.539	ug/l	99
64) Tetrachloroethene	10.60	164	60713	18.895	ug/l	96
65) Chlorobenzene	11.41	112	163563	19.199	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.48	131	65653	20.101	ug/l	98
67) Ethyl Benzene	11.48	91	289512	18.675	ug/l	97
68) m/p-Xylenes	11.59	106	212146	36.718	ug/l	97
69) o-Xylene	11.92	106	103247	19.119	ug/l	100
70) Styrene	11.94	104	174494	19.035	ug/l	99
71) Bromoform	12.10	173	46384	18.569	ug/l #	98
73) Isopropylbenzene	12.22	105	271157	19.227	ug/l	100
74) N-amyl acetate	12.04	43	118641	19.514	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	87336	20.251	ug/l	97
76) 1,2,3-Trichloropropane	12.53	75	83497m	19.590	ug/l	
77) Bromobenzene	12.50	156	69424	20.062	ug/l	99
78) n-propylbenzene	12.57	91	305224	18.596	ug/l	99
79) 2-Chlorotoluene	12.65	91	193785	19.197	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	227582	19.235	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	28247	19.087	ug/l	94
82) 4-Chlorotoluene	12.75	91	203355	19.406	ug/l	100
83) tert-Butylbenzene	12.97	119	183703	18.981	ug/l	98
84) 1,2,4-Trimethylbenzene	13.02	105	231481	19.596	ug/l	100
85) sec-Butylbenzene	13.15	105	235214	18.504	ug/l	99
86) p-Isopropyltoluene	13.26	119	210244	18.696	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	118674	18.956	ug/l	97
88) 1,4-Dichlorobenzene	13.34	146	116353	17.850	ug/l	98
89) n-Butylbenzene	13.59	91	174692	16.831	ug/l	99
90) Hexachloroethane	13.85	117	40249	18.470	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	116413	18.774	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	18370	18.163	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	54221	17.258	ug/l	96
94) Hexachlorobutadiene	14.98	225	30577	18.229	ug/l	93
95) Naphthalene	15.11	128	157012	16.395	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	51966	16.960	ug/l	97

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

