

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100220\
 Data File : VN063840.D
 Acq On : 2 Oct 2020 23:56
 Operator : JC/MD
 Sample : VN1002WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1002WBS02

Manual Integrations
 APPROVED

MMDadoda
 10/5/2020 5:35:34 PM

Quant Time: Oct 05 07:47:15 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	246295	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	417766	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	391999	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	180640	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	222791	54.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.50%	
35) Dibromofluoromethane	7.55	113	151503	52.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.52%	
50) Toluene-d8	10.06	98	555561	50.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.12%	
62) 4-Bromofluorobenzene	12.38	95	202164	48.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	47447	18.257	ug/l	97
3) Chloromethane	2.04	50	56243	18.444	ug/l	99
4) Vinyl Chloride	2.16	62	56444	18.440	ug/l	100
5) Bromomethane	2.53	94	39426	20.478	ug/l	100
6) Chloroethane	2.67	64	37722	20.624	ug/l	99
7) Trichlorofluoromethane	2.98	101	92535	19.061	ug/l	97
8) Diethyl Ether	3.38	74	32241	19.638	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	47402	18.269	ug/l	99
10) Methyl Iodide	3.91	142	57081	18.946	ug/l	100
11) Tert butyl alcohol	4.73	59	58868	131.043	ug/l #	86
12) 1,1-Dichloroethene	3.69	96	44843	18.081	ug/l	98
13) Acrolein	3.57	56	18057	65.493	ug/l	98
14) Allyl chloride	4.28	41	86717	18.820	ug/l	97
15) Acrylonitrile	4.93	53	142725	110.994	ug/l	98
16) Acetone	3.78	43	141699	113.128	ug/l	99
17) Carbon Disulfide	4.01	76	122218	18.677	ug/l	99
18) Methyl Acetate	4.28	43	71134	21.873	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	179553	19.927	ug/l	96
20) Methylene Chloride	4.51	84	58448	20.431	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	51198	18.430	ug/l	98
22) Diisopropyl ether	5.90	45	195755	20.649	ug/l	95
23) Vinyl Acetate	5.85	43	805181	102.535	ug/l	99
24) 1,1-Dichloroethane	5.80	63	107379	19.810	ug/l	99
25) 2-Butanone	6.78	43	207081	116.612	ug/l	99
26) 2,2-Dichloropropane	6.77	77	72897	14.686	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	61245	19.169	ug/l	97
28) Bromochloromethane	7.15	49	56554	21.110	ug/l	99
29) Tetrahydrofuran	7.16	42	137929	115.806	ug/l	99
30) Chloroform	7.33	83	113820	20.139	ug/l	93
31) Cyclohexane	7.61	56	83783	17.736	ug/l #	90
32) 1,1,1-Trichloroethane	7.53	97	99395	19.498	ug/l	99
36) 1,1-Dichloropropene	7.75	75	78099	18.453	ug/l	99
37) Ethyl Acetate	6.88	43	88347	21.010	ug/l #	87
38) Carbon Tetrachloride	7.73	117	85899	18.099	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.05	83	65427	15.502	ug/l	92
40) Benzene	8.00	78	227192	18.794	ug/l	100
41) Methacrylonitrile	7.13	41	37555	20.095	ug/l #	69
42) 1,2-Dichloroethane	8.09	62	103327	20.024	ug/l	100
43) Isopropyl Acetate	8.13	43	143993	20.761	ug/l	98
44) Trichloroethene	8.80	130	57695	18.215	ug/l	99
45) 1,2-Dichloropropane	9.08	63	64305	19.697	ug/l	95
46) Dibromomethane	9.17	93	43007	19.095	ug/l	98
47) Bromodichloromethane	9.37	83	90213	19.435	ug/l	97
48) Methyl methacrylate	9.17	41	72319	21.104	ug/l	95
49) 1,4-Dioxane	9.17	88	21532	442.121	ug/l	93
51) 4-Methyl-2-Pentanone	9.95	43	454199	111.589	ug/l	99
52) Toluene	10.13	92	143058	19.132	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	90031	18.095	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	92672	17.809	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	60463	20.163	ug/l	93
56) Ethyl methacrylate	10.40	69	83009	19.529	ug/l	99
57) 1,3-Dichloropropane	10.68	76	101300	19.968	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	230855	101.536	ug/l	100
59) 2-Hexanone	10.72	43	338975	112.108	ug/l	98
60) Dibromochloromethane	10.87	129	66118	18.933	ug/l	98
61) 1,2-Dibromoethane	10.98	107	61229	19.961	ug/l	99
64) Tetrachloroethene	10.60	164	53835	17.751	ug/l	92
65) Chlorobenzene	11.41	112	150525	18.719	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	58917	19.112	ug/l	98
67) Ethyl Benzene	11.49	91	268837	18.373	ug/l	100
68) m/p-Xylenes	11.59	106	195785	35.902	ug/l	98
69) o-Xylene	11.92	106	93150	18.275	ug/l	98
70) Styrene	11.94	104	162773	18.813	ug/l	99
71) Bromoform	12.10	173	44644	18.935	ug/l #	98
73) Isopropylbenzene	12.23	105	251423	19.082	ug/l	99
74) N-amyl acetate	12.05	43	118309	20.679	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	85906	21.322	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	89583m	22.497	ug/l	
77) Bromobenzene	12.50	156	63398	19.610	ug/l	97
78) n-propylbenzene	12.57	91	280990	18.325	ug/l	100
79) 2-Chlorotoluene	12.65	91	183323	19.439	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	209004	18.908	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	24700	17.865	ug/l	89
82) 4-Chlorotoluene	12.75	91	181903	18.580	ug/l	97
83) tert-Butylbenzene	12.97	119	163473	18.080	ug/l	96
84) 1,2,4-Trimethylbenzene	13.01	105	209155	18.952	ug/l	100
85) sec-Butylbenzene	13.15	105	213508	17.978	ug/l	98
86) p-Isopropyltoluene	13.26	119	188796	17.970	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	109851	18.781	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	112046	18.398	ug/l	99
89) n-Butylbenzene	13.59	91	155859	16.073	ug/l	99
90) Hexachloroethane	13.85	117	38344	18.835	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	109503	18.902	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	18977	20.084	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	47269	16.221	ug/l	97
94) Hexachlorobutadiene	14.98	225	27403	17.489	ug/l	99
95) Naphthalene	15.10	128	154795	17.195	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	45851	16.105	ug/l	98

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

