

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100620\
 Data File : VN063913.D
 Acq On : 7 Oct 2020 00:17
 Operator : JC/MD
 Sample : VN1006WBSD04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1006WBSD04

Manual Integrations
 APPROVED

MMDadoda
 10/7/2020 12:12:02 PM

Quant Time: Oct 07 05:11:25 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	259489	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	441890	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	412014	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	187426	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	217955	50.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.68%	
35) Dibromofluoromethane	7.55	113	149655	48.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.62%	
50) Toluene-d8	10.06	98	548669	47.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.40%	
62) 4-Bromofluorobenzene	12.38	95	196008	44.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	48270	17.629	ug/l	99
3) Chloromethane	2.04	50	57693	17.958	ug/l	99
4) Vinyl Chloride	2.16	62	56624	17.558	ug/l	95
5) Bromomethane	2.53	94	36451	17.970	ug/l	96
6) Chloroethane	2.67	64	37854	19.644	ug/l	99
7) Trichlorofluoromethane	2.98	101	94636	18.503	ug/l	99
8) Diethyl Ether	3.37	74	33186	19.185	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.72	101	49627	18.154	ug/l	99
10) Methyl Iodide	3.91	142	53228	16.769	ug/l	100
11) Tert butyl alcohol	4.73	59	56701	119.801	ug/l	97
12) 1,1-Dichloroethene	3.70	96	48303	18.486	ug/l	94
13) Acrolein	3.57	56	53713	184.911	ug/l	96
14) Allyl chloride	4.28	41	96812	19.943	ug/l	94
15) Acrylonitrile	4.93	53	142738	105.360	ug/l	99
16) Acetone	3.78	43	138163	104.696	ug/l	98
17) Carbon Disulfide	4.01	76	128716	18.671	ug/l	100
18) Methyl Acetate	4.28	43	74807	21.833	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	186231	19.617	ug/l	98
20) Methylene Chloride	4.50	84	60839	20.186	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	53230	18.187	ug/l	97
22) Diisopropyl ether	5.90	45	205869	20.612	ug/l	96
23) Vinyl Acetate	5.85	43	841302	101.687	ug/l	100
24) 1,1-Dichloroethane	5.80	63	111521	19.528	ug/l	98
25) 2-Butanone	6.79	43	209283	111.859	ug/l	95
26) 2,2-Dichloropropane	6.78	77	82517	15.778	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	61726	18.337	ug/l	97
28) Bromochloromethane	7.15	49	56984	20.189	ug/l	96
29) Tetrahydrofuran	7.17	42	137977	109.956	ug/l	97
30) Chloroform	7.33	83	118684	19.932	ug/l	89
31) Cyclohexane	7.61	56	87732	17.628	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	105146	19.577	ug/l	98
36) 1,1-Dichloropropene	7.75	75	81783	18.268	ug/l	99
37) Ethyl Acetate	6.88	43	87789	19.738	ug/l	98
38) Carbon Tetrachloride	7.73	117	92018	18.330	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	70127	15.708	ug/l	95
40) Benzene	8.00	78	236295	18.480	ug/l	97
41) Methacrylonitrile	7.12	41	36624	18.527	ug/l #	88
42) 1,2-Dichloroethane	8.09	62	104545	19.154	ug/l	99
43) Isopropyl Acetate	8.13	43	146926	20.027	ug/l	99
44) Trichloroethene	8.80	130	60390	18.025	ug/l	98
45) 1,2-Dichloropropane	9.09	63	64028	18.541	ug/l	98
46) Dibromomethane	9.18	93	45874	19.256	ug/l	95
47) Bromodichloromethane	9.37	83	93532	19.050	ug/l	99
48) Methyl methacrylate	9.17	41	72478	19.996	ug/l	94
49) 1,4-Dioxane	9.16	88	20838	404.513	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	457454	106.254	ug/l	99
52) Toluene	10.13	92	148162	18.733	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	94364	17.930	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	101638	18.466	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	61818	19.490	ug/l	96
56) Ethyl methacrylate	10.40	69	84919	18.888	ug/l	96
57) 1,3-Dichloropropane	10.68	76	105063	19.579	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	236032	98.146	ug/l	99
59) 2-Hexanone	10.72	43	329746	103.102	ug/l	98
60) Dibromochloromethane	10.87	129	69484	18.811	ug/l	99
61) 1,2-Dibromoethane	10.98	107	62351	19.217	ug/l	99
64) Tetrachloroethene	10.60	164	54605	17.130	ug/l	96
65) Chlorobenzene	11.41	112	159105	18.825	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	62261	19.216	ug/l	99
67) Ethyl Benzene	11.49	91	278770	18.127	ug/l	100
68) m/p-Xylenes	11.59	106	203634	35.528	ug/l	98
69) o-Xylene	11.92	106	98908	18.462	ug/l	98
70) Styrene	11.94	104	166037	18.258	ug/l	99
71) Bromoform	12.10	173	46324	18.693	ug/l #	98
73) Isopropylbenzene	12.23	105	258749	18.927	ug/l	98
74) N-amyl acetate	12.04	43	120246	20.302	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	88004	21.052	ug/l	97
76) 1,2,3-Trichloropropane	12.53	75	82897m	20.064	ug/l	
77) Bromobenzene	12.50	156	67456	20.109	ug/l	99
78) n-propylbenzene	12.57	91	289684	18.208	ug/l	99
79) 2-Chlorotoluene	12.65	91	186137	19.023	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	219852	19.169	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	27180	18.947	ug/l	97
82) 4-Chlorotoluene	12.75	91	193730	19.072	ug/l	99
83) tert-Butylbenzene	12.97	119	173464	18.490	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	214906	18.768	ug/l	100
85) sec-Butylbenzene	13.15	105	224774	18.242	ug/l	100
86) p-Isopropyltoluene	13.26	119	200625	18.405	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	114123	18.805	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	113719	17.997	ug/l	99
89) n-Butylbenzene	13.59	91	163374	16.238	ug/l	100
90) Hexachloroethane	13.85	117	41473	19.634	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	115039	19.139	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	19025	19.406	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	51201	16.857	ug/l	97
94) Hexachlorobutadiene	14.98	225	31835	19.574	ug/l	98
95) Naphthalene	15.11	128	159301	17.070	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	49492	16.691	ug/l	99

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

