

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111220\
 Data File : VN064575.D
 Acq On : 12 Nov 2020 12:46
 Operator : JC/MD
 Sample : VN1112WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1112WBSD01

Manual Integrations
 APPROVED

MMDadoda
 11/13/2020 11:42:16 AM

Quant Time: Nov 13 03:24:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 12:09:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	283518	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	491997	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	468162	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	210470	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	247090	50.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.06%	
35) Dibromofluoromethane	7.55	113	171729	51.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.54%	
50) Toluene-d8	10.06	98	631937	48.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.62%	
62) 4-Bromofluorobenzene	12.38	95	225862	46.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.84	85	64086	17.364	ug/l	96
3) Chloromethane	2.04	50	77222	17.226	ug/l	98
4) Vinyl Chloride	2.17	62	80652	17.520	ug/l	95
5) Bromomethane	2.54	94	56569	19.235	ug/l	100
6) Chloroethane	2.68	64	55031	18.671	ug/l	96
7) Trichlorofluoromethane	2.99	101	128673	18.982	ug/l	99
8) Diethyl Ether	3.38	74	46947	19.612	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.72	101	59617	18.521	ug/l	98
10) Methyl Iodide	3.91	142	66952	17.900	ug/l	99
11) Tert butyl alcohol	4.75	59	50655	93.012	ug/l #	91
12) 1,1-Dichloroethene	3.69	96	54020	17.816	ug/l	93
13) Acrolein	3.57	56	23116	68.428	ug/l	92
14) Allyl chloride	4.27	41	99632	16.797	ug/l	98
15) Acrylonitrile	4.94	53	153960	101.540	ug/l	100
16) Acetone	3.78	43	159694	84.892	ug/l	98
17) Carbon Disulfide	4.01	76	155531	17.152	ug/l	98
18) Methyl Acetate	4.29	43	76391	20.656	ug/l	98
19) Methyl tert-butyl Ether	5.00	73	194486	17.821	ug/l	97
20) Methylene Chloride	4.51	84	66306	17.765	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	60896	17.688	ug/l	97
22) Diisopropyl ether	5.91	45	222958	17.708	ug/l	98
23) Vinyl Acetate	5.85	43	905869	88.439	ug/l	97
24) 1,1-Dichloroethane	5.80	63	126028	18.215	ug/l	99
25) 2-Butanone	6.79	43	217091	90.574	ug/l	98
26) 2,2-Dichloropropane	6.77	77	108160	17.269	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	69586	17.443	ug/l	99
28) Bromochloromethane	7.15	49	61099	17.966	ug/l	98
29) Tetrahydrofuran	7.17	42	136672	92.941	ug/l	98
30) Chloroform	7.33	83	135506	18.632	ug/l	99
31) Cyclohexane	7.62	56	95533	15.914	ug/l #	92
32) 1,1,1-Trichloroethane	7.53	97	117973	18.289	ug/l	99
36) 1,1-Dichloropropene	7.75	75	92028	17.706	ug/l	97
37) Ethyl Acetate	6.88	43	93157	18.152	ug/l	99
38) Carbon Tetrachloride	7.73	117	103776	18.682	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	78139	16.771	ug/l	95
40) Benzene	8.00	78	269458	17.643	ug/l	95
41) Methacrylonitrile	7.14	41	48673m	21.122	ug/l	
42) 1,2-Dichloroethane	8.09	62	120679	19.579	ug/l	100
43) Isopropyl Acetate	8.13	43	155673	18.482	ug/l	98
44) Trichloroethene	8.80	130	69943	18.151	ug/l	94
45) 1,2-Dichloropropane	9.09	63	75066	18.420	ug/l	96
46) Dibromomethane	9.18	93	53005	19.758	ug/l	99
47) Bromodichloromethane	9.37	83	113738	19.718	ug/l	95
48) Methyl methacrylate	9.17	41	78187	18.395	ug/l	99
49) 1,4-Dioxane	9.17	88	22845	408.070	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	479791	97.675	ug/l	99
52) Toluene	10.13	92	167576	17.989	ug/l	95
53) t-1,3-Dichloropropene	10.35	75	112101	18.331	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	116935	17.884	ug/l	100
55) 1,1,2-Trichloroethane	10.53	97	71002	19.544	ug/l	98
56) Ethyl methacrylate	10.40	69	91560	16.595	ug/l	99
57) 1,3-Dichloropropane	10.68	76	120738	19.040	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	255148	104.093	ug/l	98
59) 2-Hexanone	10.72	43	341113	87.816	ug/l	98
60) Dibromochloromethane	10.87	129	79574	19.564	ug/l	96
61) 1,2-Dibromoethane	10.98	107	72334	19.630	ug/l	100
64) Tetrachloroethene	10.60	164	67414	18.694	ug/l	98
65) Chlorobenzene	11.41	112	181220	17.657	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	73344	19.156	ug/l	99
67) Ethyl Benzene	11.49	91	312885	17.139	ug/l	98
68) m/p-Xylenes	11.60	106	231857	35.021	ug/l	99
69) o-Xylene	11.92	106	109127	17.058	ug/l	99
70) Styrene	11.94	104	189564	17.609	ug/l	98
71) Bromoform	12.10	173	49886	18.185	ug/l #	97
73) Isopropylbenzene	12.23	105	286537	17.128	ug/l	99
74) N-amyl acetate	12.05	43	125101	16.259	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	99188	19.304	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	95195m	18.667	ug/l	
77) Bromobenzene	12.50	156	73769	18.062	ug/l	96
78) n-propylbenzene	12.57	91	340799	17.869	ug/l	98
79) 2-Chlorotoluene	12.65	91	212140	17.537	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	239840	17.379	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	31920	17.477	ug/l	93
82) 4-Chlorotoluene	12.75	91	223857	17.671	ug/l	98
83) tert-Butylbenzene	12.97	119	188905	17.526	ug/l	98
84) 1,2,4-Trimethylbenzene	13.02	105	246680	17.781	ug/l	99
85) sec-Butylbenzene	13.15	105	245672	17.997	ug/l	99
86) p-Isopropyltoluene	13.26	119	217941	17.750	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	124519	17.637	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	127443	17.467	ug/l	98
89) n-Butylbenzene	13.59	91	183877	17.417	ug/l	97
90) Hexachloroethane	13.85	117	45014	19.004	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	130053	19.150	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.24	75	21101	20.626	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	51038	16.971	ug/l	98
94) Hexachlorobutadiene	14.98	225	27962	20.223	ug/l	98
95) Naphthalene	15.10	128	152903	15.909	ug/l	98
96) 1,2,3-Trichlorobenzene	15.29	180	54104	18.415	ug/l	95

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

