

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111620\
 Data File : VN064658.D
 Acq On : 16 Nov 2020 13:15
 Operator : JC/MD
 Sample : VN1116WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1116WBSD01

Manual Integrations
 APPROVED

MMDadoda
 11/17/2020 7:02:08 PM

Quant Time: Nov 17 04:29:38 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	298711	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	524647	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	497555	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	223584	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	258113	49.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.22%	
35) Dibromofluoromethane	7.55	113	182422	51.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.14%	
50) Toluene-d8	10.06	98	654737	47.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.84%	
62) 4-Bromofluorobenzene	12.38	95	239388	45.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.84	85	68536	17.626	ug/l	99
3) Chloromethane	2.04	50	78356	16.590	ug/l	96
4) Vinyl Chloride	2.17	62	85504	17.629	ug/l	94
5) Bromomethane	2.54	94	56097	18.105	ug/l	94
6) Chloroethane	2.68	64	59782	19.252	ug/l	97
7) Trichlorofluoromethane	2.99	101	145526	20.377	ug/l	100
8) Diethyl Ether	3.38	74	50069	19.852	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.71	101	63772	18.804	ug/l	99
10) Methyl Iodide	3.91	142	71621	18.174	ug/l	99
11) Tert butyl alcohol	4.74	59	54090	94.267	ug/l	94
12) 1,1-Dichloroethene	3.70	96	57195	17.903	ug/l	98
13) Acrolein	3.57	56	19992	56.171	ug/l	98
14) Allyl chloride	4.28	41	104506	16.723	ug/l	98
15) Acrylonitrile	4.94	53	151725	94.976	ug/l	99
16) Acetone	3.78	43	169892	85.720	ug/l	97
17) Carbon Disulfide	4.01	76	158546	16.596	ug/l	95
18) Methyl Acetate	4.28	43	79225	20.333	ug/l	96
19) Methyl tert-butyl Ether	5.00	73	204151	17.756	ug/l	95
20) Methylene Chloride	4.51	84	71553	18.196	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	62037	17.103	ug/l	95
22) Diisopropyl ether	5.91	45	228215	17.203	ug/l	99
23) Vinyl Acetate	5.85	43	913002	84.602	ug/l	100
24) 1,1-Dichloroethane	5.80	63	131639	18.058	ug/l	99
25) 2-Butanone	6.79	43	222362	88.054	ug/l	98
26) 2,2-Dichloropropane	6.78	77	121238	18.373	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	73567	17.503	ug/l	97
28) Bromochloromethane	7.15	49	61157	17.068	ug/l	98
29) Tetrahydrofuran	7.17	42	136164	87.886	ug/l	97
30) Chloroform	7.33	83	140476	18.333	ug/l	99
31) Cyclohexane	7.61	56	104007	16.444	ug/l	# 91
32) 1,1,1-Trichloroethane	7.53	97	128664	18.932	ug/l	99
36) 1,1-Dichloropropene	7.75	75	98788	17.824	ug/l	98
37) Ethyl Acetate	6.88	43	89247	16.386	ug/l	95
38) Carbon Tetrachloride	7.73	117	113313	19.129	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	83299	16.765	ug/l	94
40) Benzene	8.00	78	286618	17.598	ug/l	98
41) Methacrylonitrile	7.13	41	43414	17.668	ug/l	91
42) 1,2-Dichloroethane	8.09	62	124858	18.997	ug/l	100
43) Isopropyl Acetate	8.13	43	161569	17.988	ug/l	100
44) Trichloroethene	8.80	130	72223	17.576	ug/l	97
45) 1,2-Dichloropropane	9.08	63	76725	17.655	ug/l	96
46) Dibromomethane	9.17	93	56553	19.769	ug/l	96
47) Bromodichloromethane	9.37	83	115188	18.726	ug/l	97
48) Methyl methacrylate	9.17	41	79345	17.506	ug/l	98
49) 1,4-Dioxane	9.16	88	23781	398.353	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	498623	95.191	ug/l	100
52) Toluene	10.13	92	178785	17.998	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	118648	18.194	ug/l	96
54) cis-1,3-Dichloropropene	9.81	75	125049	17.935	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	73534	18.981	ug/l	96
56) Ethyl methacrylate	10.40	69	92988	15.893	ug/l	99
57) 1,3-Dichloropropane	10.68	76	125783	18.601	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.67	63	255377	99.025	ug/l	96
59) 2-Hexanone	10.72	43	354422	85.667	ug/l	98
60) Dibromochloromethane	10.87	129	80907	18.653	ug/l	99
61) 1,2-Dibromoethane	10.98	107	74888	19.058	ug/l	99
64) Tetrachloroethene	10.60	164	72143	18.823	ug/l	95
65) Chlorobenzene	11.41	112	190773	17.490	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	73816	18.140	ug/l	95
67) Ethyl Benzene	11.49	91	333286	17.178	ug/l	100
68) m/p-Xylenes	11.60	106	245311	34.864	ug/l	99
69) o-Xylene	11.92	106	116354	17.113	ug/l	98
70) Styrene	11.94	104	195478	17.085	ug/l	99
71) Bromoform	12.10	173	53382	18.301	ug/l #	94
73) Isopropylbenzene	12.22	105	310814	17.490	ug/l	99
74) N-amyl acetate	12.05	43	126575	15.543	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	101089	18.520	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	98626m	18.206	ug/l	
77) Bromobenzene	12.50	156	76280	17.581	ug/l	99
78) n-propylbenzene	12.57	91	367695	18.148	ug/l	98
79) 2-Chlorotoluene	12.65	91	228664	17.795	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	260115	17.742	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	31380	16.174	ug/l	85
82) 4-Chlorotoluene	12.75	91	237319	17.635	ug/l	100
83) tert-Butylbenzene	12.97	119	206708	18.053	ug/l	98
84) 1,2,4-Trimethylbenzene	13.02	105	263362	17.870	ug/l	100
85) sec-Butylbenzene	13.15	105	271791	18.742	ug/l	100
86) p-Isopropyltoluene	13.26	119	240692	18.453	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	130027	17.337	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	134095	17.301	ug/l	99
89) n-Butylbenzene	13.59	91	202250	18.034	ug/l	99
90) Hexachloroethane	13.85	117	48973	19.463	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	135970	18.847	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	22211	20.438	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	52759	16.586	ug/l	97
94) Hexachlorobutadiene	14.98	225	30475	20.748	ug/l	99
95) Naphthalene	15.10	128	169440	16.439	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	55993	18.012	ug/l	99

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

