

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111120\
 Data File : VN064547.D
 Acq On : 11 Nov 2020 11:55
 Operator : JC/MD
 Sample : VN1111WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1111WBS01

Manual Integrations
 APPROVED

MMDadoda
 11/12/2020 9:12:20 AM

Quant Time: Nov 12 01:57:31 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	7.62	168	310779	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	538967	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	511045	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	226998	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	256833	47.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.88%	
35) Dibromofluoromethane	7.55	113	177578	48.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.78%	
50) Toluene-d8	10.06	98	667653	47.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.14%	
62) 4-Bromofluorobenzene	12.38	95	245521	45.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.84	85	70397	17.401	ug/l	99
3) Chloromethane	2.04	50	83554	17.004	ug/l	96
4) Vinyl Chloride	2.17	62	89605	17.757	ug/l	98
5) Bromomethane	2.54	94	61899	19.202	ug/l	92
6) Chloroethane	2.68	64	58430	18.086	ug/l	97
7) Trichlorofluoromethane	2.99	101	141085	18.988	ug/l	97
8) Diethyl Ether	3.37	74	47357	18.048	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.71	101	65407	18.537	ug/l	99
10) Methyl Iodide	3.91	142	72330	17.642	ug/l	98
11) Tert butyl alcohol	4.75	59	54810	91.813	ug/l #	81
12) 1,1-Dichloroethene	3.69	96	59563	17.921	ug/l	95
13) Acrolein	3.56	56	28764	77.679	ug/l	100
14) Allyl chloride	4.27	41	112665	17.328	ug/l	100
15) Acrylonitrile	4.94	53	150911	90.798	ug/l	97
16) Acetone	3.78	43	174482	84.617	ug/l	99
17) Carbon Disulfide	4.01	76	175738	17.681	ug/l	97
18) Methyl Acetate	4.28	43	80132	19.767	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	205558	17.184	ug/l	100
20) Methylene Chloride	4.50	84	74121	18.117	ug/l	94
21) trans-1,2-Dichloroethene	4.99	96	67124	17.787	ug/l	97
22) Diisopropyl ether	5.91	45	239467	17.351	ug/l	98
23) Vinyl Acetate	5.85	43	973500	86.705	ug/l	100
24) 1,1-Dichloroethane	5.80	63	135555	17.873	ug/l	99
25) 2-Butanone	6.79	43	236331	89.952	ug/l	97
26) 2,2-Dichloropropane	6.78	77	122670	17.868	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	78170	17.876	ug/l	95
28) Bromochloromethane	7.15	49	59885	16.064	ug/l	99
29) Tetrahydrofuran	7.17	42	143223	88.853	ug/l	99
30) Chloroform	7.33	83	148138	18.582	ug/l	99
31) Cyclohexane	7.61	56	109181	16.592	ug/l #	93
32) 1,1,1-Trichloroethane	7.53	97	128838	18.221	ug/l	99
36) 1,1-Dichloropropene	7.75	75	101710	17.863	ug/l	99
37) Ethyl Acetate	6.89	43	100080	17.817	ug/l	99
38) Carbon Tetrachloride	7.73	117	117284	19.273	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	87245	17.093	ug/l	93
40) Benzene	8.00	78	298164	17.821	ug/l	99
41) Methacrylonitrile	7.13	41	44018	17.437	ug/l #	88
42) 1,2-Dichloroethane	8.09	62	125293	18.556	ug/l	100
43) Isopropyl Acetate	8.13	43	161248	17.475	ug/l	98
44) Trichloroethene	8.80	130	75176	17.809	ug/l	95
45) 1,2-Dichloropropane	9.08	63	82038	18.376	ug/l	100
46) Dibromomethane	9.17	93	56279	19.150	ug/l	97
47) Bromodichloromethane	9.37	83	117936	18.664	ug/l	99
48) Methyl methacrylate	9.17	41	83401	17.912	ug/l	97
49) 1,4-Dioxane	9.17	88	22451	366.083	ug/l	95
51) 4-Methyl-2-Pentanone	9.95	43	500086	92.934	ug/l	99
52) Toluene	10.13	92	188978	18.519	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	121992	18.210	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	129901	18.136	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	74753	18.783	ug/l	99
56) Ethyl methacrylate	10.40	69	96314	16.009	ug/l	97
57) 1,3-Dichloropropane	10.68	76	129953	18.708	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.67	63	267218	100.464	ug/l	98
59) 2-Hexanone	10.72	43	357301	84.144	ug/l	99
60) Dibromochloromethane	10.87	129	86666	19.450	ug/l	98
61) 1,2-Dibromoethane	10.98	107	75738	18.762	ug/l	99
64) Tetrachloroethene	10.60	164	71480	18.158	ug/l	98
65) Chlorobenzene	11.41	112	200206	17.870	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	77374	18.513	ug/l	98
67) Ethyl Benzene	11.49	91	346728	17.399	ug/l	99
68) m/p-Xylenes	11.59	106	254737	35.248	ug/l	98
69) o-Xylene	11.92	106	118494	16.968	ug/l	96
70) Styrene	11.94	104	206129	17.541	ug/l	99
71) Bromoform	12.10	173	52400	17.547	ug/l #	99
73) Isopropylbenzene	12.23	105	318386	17.646	ug/l	99
74) N-amyl acetate	12.04	43	133147	16.061	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	102729	18.537	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	97714m	17.766	ug/l	
77) Bromobenzene	12.50	156	77027	17.486	ug/l	99
78) n-propylbenzene	12.57	91	370585	18.016	ug/l	100
79) 2-Chlorotoluene	12.65	91	234449	17.971	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	271809	18.261	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	33662	17.089	ug/l	96
82) 4-Chlorotoluene	12.75	91	244816	17.918	ug/l	100
83) tert-Butylbenzene	12.97	119	207487	17.848	ug/l	98
84) 1,2,4-Trimethylbenzene	13.02	105	268359	17.935	ug/l	100
85) sec-Butylbenzene	13.15	105	272356	18.499	ug/l	100
86) p-Isopropyltoluene	13.26	119	245469	18.536	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	136889	17.977	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	139872	17.775	ug/l	99
89) n-Butylbenzene	13.59	91	201075	17.660	ug/l	99
90) Hexachloroethane	13.85	117	49395	19.336	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	137107	18.719	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	22627	20.507	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	55089	16.982	ug/l	99
94) Hexachlorobutadiene	14.98	225	29331	19.668	ug/l	98
95) Naphthalene	15.10	128	163696	15.818	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	56165	17.829	ug/l	96

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

