

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120320\
 Data File : VN064892.D
 Acq On : 3 Dec 2020 11:45
 Operator : JC/MD
 Sample : VN1203WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1203WBS01

Manual Integrations
 APPROVED

SAM
 12/4/2020 5:42:01 PM

Quant Time: Dec 04 04:53:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 23 13:54:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	209199	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	324859	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	296146	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	142795	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	124264	51.09	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	102.18%
35) Dibromofluoromethane	7.55	113	109615	56.39	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	112.78%
50) Toluene-d8	10.06	98	415513	52.32	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	104.64%
62) 4-Bromofluorobenzene	12.37	95	144590	50.87	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	101.74%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	28778	15.873	ug/l	97
3) Chloromethane	2.04	50	39313	16.686	ug/l	99
4) Vinyl Chloride	2.17	62	41464	16.880	ug/l	96
5) Bromomethane	2.53	94	26289	16.312	ug/l	98
6) Chloroethane	2.68	64	27125	17.854	ug/l	97
7) Trichlorofluoromethane	2.99	101	60868	17.926	ug/l	98
8) Diethyl Ether	3.37	74	24704	18.432	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.71	101	37966	18.639	ug/l	99
10) Methyl Iodide	3.91	142	42466	16.073	ug/l	98
11) Tert butyl alcohol	4.75	59	29126	76.791	ug/l	99
12) 1,1-Dichloroethene	3.69	96	37372	18.422	ug/l	94
13) Acrolein	3.57	56	24203	104.469	ug/l	99
14) Allyl chloride	4.28	41	56491	16.884	ug/l	100
15) Acrylonitrile	4.93	53	91346	87.179	ug/l	100
16) Acetone	3.78	43	68047	85.113	ug/l	98
17) Carbon Disulfide	4.00	76	87278	16.667	ug/l	99
18) Methyl Acetate	4.28	43	43330	18.026	ug/l	98
19) Methyl tert-butyl Ether	5.00	73	115223	17.710	ug/l	100
20) Methylene Chloride	4.50	84	44144	17.621	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	38681	17.170	ug/l	98
22) Diisopropyl ether	5.90	45	125203	18.695	ug/l	99
23) Vinyl Acetate	5.85	43	477711	89.201	ug/l	99
24) 1,1-Dichloroethane	5.80	63	75750	18.926	ug/l	99
25) 2-Butanone	6.79	43	110148	84.990	ug/l	98
26) 2,2-Dichloropropane	6.78	77	62775	18.084	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	45680	18.020	ug/l	98
28) Bromochloromethane	7.15	49	36639	20.011	ug/l	98
29) Tetrahydrofuran	7.17	42	74409	83.173	ug/l	98
30) Chloroform	7.33	83	76021	18.419	ug/l	100
31) Cyclohexane	7.61	56	58450	17.243	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	65545	18.490	ug/l	99
36) 1,1-Dichloropropene	7.75	75	54135	17.978	ug/l	98
37) Ethyl Acetate	6.89	43	49603	17.101	ug/l	98
38) Carbon Tetrachloride	7.73	117	58120	18.551	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	55212	17.033	ug/l	99
40) Benzene	8.00	78	169679	18.389	ug/l	100
41) Methacrylonitrile	7.14	41	25764m	19.250	ug/l	
42) 1,2-Dichloroethane	8.08	62	56251	18.071	ug/l	99
43) Isopropyl Acetate	8.13	43	78632	16.847	ug/l	99
44) Trichloroethene	8.80	130	49163	18.058	ug/l	96
45) 1,2-Dichloropropane	9.08	63	46333	19.390	ug/l	97
46) Dibromomethane	9.17	93	29984	18.783	ug/l	98
47) Bromodichloromethane	9.37	83	60527	18.844	ug/l	98
48) Methyl methacrylate	9.16	41	36779	16.491	ug/l	97
49) 1,4-Dioxane	9.16	88	13170	312.447	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	244870	87.391	ug/l	99
52) Toluene	10.12	92	108143	19.031	ug/l	97
53) t-1,3-Dichloropropene	10.35	75	61295	17.133	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	71327	18.600	ug/l	96
55) 1,1,2-Trichloroethane	10.53	97	42908	18.363	ug/l	98
56) Ethyl methacrylate	10.40	69	55919	17.342	ug/l	98
57) 1,3-Dichloropropane	10.68	76	71028	18.427	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	164467	92.725	ug/l	100
59) 2-Hexanone	10.72	43	174242	86.406	ug/l	97
60) Dibromochloromethane	10.87	129	48883	18.820	ug/l	98
61) 1,2-Dibromoethane	10.97	107	43949	18.513	ug/l	97
64) Tetrachloroethene	10.60	164	54234	18.823	ug/l	96
65) Chlorobenzene	11.40	112	117102	18.413	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	44276	18.944	ug/l	97
67) Ethyl Benzene	11.48	91	193543	18.217	ug/l	99
68) m/p-Xylenes	11.59	106	150657	37.454	ug/l	100
69) o-Xylene	11.92	106	69855	18.301	ug/l	99
70) Styrene	11.94	104	122571	19.021	ug/l	97
71) Bromoform	12.10	173	31917	17.098	ug/l #	97
73) Isopropylbenzene	12.22	105	189570	19.086	ug/l	100
74) N-amyl acetate	12.04	43	63992	16.371	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	53358	18.328	ug/l	98
76) 1,2,3-Trichloropropane	12.52	75	54010m	17.563	ug/l	
77) Bromobenzene	12.50	156	49622	18.531	ug/l	99
78) n-propylbenzene	12.56	91	213320	18.853	ug/l	100
79) 2-Chlorotoluene	12.65	91	131539	18.807	ug/l	99
80) 1,3,5-Trimethylbenzene	12.70	105	163774	19.838	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	19601	17.469	ug/l	96
82) 4-Chlorotoluene	12.75	91	137119	18.703	ug/l	100
83) tert-Butylbenzene	12.96	119	134198	19.393	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	165521	19.830	ug/l	100
85) sec-Butylbenzene	13.14	105	181049	19.705	ug/l	99
86) p-Isopropyltoluene	13.26	119	163314	19.524	ug/l	100
87) 1,3-Dichlorobenzene	13.25	146	89077	18.724	ug/l	100
88) 1,4-Dichlorobenzene	13.33	146	89099	17.709	ug/l	99
89) n-Butylbenzene	13.59	91	132898	18.091	ug/l	99
90) Hexachloroethane	13.85	117	28101	19.338	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	88141	18.868	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	10629	16.226	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	47238	16.347	ug/l	98
94) Hexachlorobutadiene	14.98	225	24690	19.205	ug/l	98
95) Naphthalene	15.10	128	129964	15.012	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	46357	17.803	ug/l	96

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

