

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081020\
 Data File : VN062803.D
 Acq On : 10 Aug 2020 12:44
 Operator : JC/MD
 Sample : VN0810WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0810WBS01

Manual Integrations
 APPROVED

sam
 8/11/2020 3:24:49 PM

Quant Time: Aug 11 07:08:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:26:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	167732	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	275699	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	256225	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	119605	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	121310	43.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.46%	
35) Dibromofluoromethane	7.55	113	85288	45.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.44%	
50) Toluene-d8	10.06	98	327654	44.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.00%	
62) 4-Bromofluorobenzene	12.38	95	126156	45.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	43911	18.282	ug/l	99
3) Chloromethane	2.03	50	39080	17.242	ug/l	100
4) Vinyl Chloride	2.16	62	39008	18.349	ug/l	97
5) Bromomethane	2.52	94	27397	19.468	ug/l	94
6) Chloroethane	2.66	64	26981	19.292	ug/l	95
7) Trichlorofluoromethane	2.97	101	69388	18.305	ug/l	100
8) Diethyl Ether	3.37	74	20379	18.779	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.71	101	30515	19.422	ug/l	95
10) Methyl Iodide	3.91	142	34218	18.624	ug/l	97
11) Tert butyl alcohol	4.74	59	41525	91.341	ug/l	99
12) 1,1-Dichloroethene	3.69	96	26285	17.645	ug/l	96
13) Acrolein	3.57	56	16374	59.487	ug/l	95
14) Allyl chloride	4.27	41	50713	17.269	ug/l	97
15) Acrylonitrile	4.93	53	96526	91.544	ug/l	99
16) Acetone	3.78	43	82339	82.153	ug/l	99
17) Carbon Disulfide	4.00	76	71136	16.926	ug/l	98
18) Methyl Acetate	4.28	43	46459	18.896	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	124437	19.149	ug/l	98
20) Methylene Chloride	4.50	84	35871	19.087	ug/l	94
21) trans-1,2-Dichloroethene	4.99	96	29494	17.572	ug/l	99
22) Diisopropyl ether	5.90	45	116676	18.664	ug/l	97
23) Vinyl Acetate	5.84	43	409380	86.095	ug/l	98
24) 1,1-Dichloroethane	5.80	63	64618	17.638	ug/l	99
25) 2-Butanone	6.79	43	123593	87.067	ug/l	99
26) 2,2-Dichloropropane	6.77	77	54818	16.233	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	37269	18.509	ug/l	90
28) Bromochloromethane	7.15	49	29773	16.839	ug/l	95
29) Tetrahydrofuran	7.17	42	80834	87.652	ug/l	95
30) Chloroform	7.33	83	67578	17.357	ug/l	98
31) Cyclohexane	7.62	56	60436	17.971	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	59302	17.036	ug/l	99
36) 1,1-Dichloropropene	7.76	75	45449	16.930	ug/l	98
37) Ethyl Acetate	6.88	43	44795	15.974	ug/l	97
38) Carbon Tetrachloride	7.73	117	52008	16.381	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	57279	17.730	ug/l	98
40) Benzene	8.00	78	135163	16.873	ug/l	97
41) Methacrylonitrile	7.13	41	21617	17.083	ug/l #	74
42) 1,2-Dichloroethane	8.09	62	58284	17.095	ug/l	100
43) Isopropyl Acetate	8.13	43	80040	17.112	ug/l	98
44) Trichloroethene	8.80	130	33547	17.189	ug/l	99
45) 1,2-Dichloropropane	9.09	63	38050	17.550	ug/l	99
46) Dibromomethane	9.18	93	25959	18.274	ug/l	97
47) Bromodichloromethane	9.37	83	55177	17.294	ug/l	96
48) Methyl methacrylate	9.17	41	37904	16.475	ug/l	98
49) 1,4-Dioxane	9.17	88	16227	380.653	ug/l	91
51) 4-Methyl-2-Pentanone	9.95	43	263222	86.977	ug/l	99
52) Toluene	10.12	92	85863	17.360	ug/l	98
53) t-1,3-Dichloropropene	10.36	75	61244	17.451	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	63375	17.986	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	37125	17.575	ug/l	97
56) Ethyl methacrylate	10.40	69	57187	17.986	ug/l	98
57) 1,3-Dichloropropane	10.68	76	63560	17.709	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	81602	90.796	ug/l	100
59) 2-Hexanone	10.72	43	191018	84.616	ug/l	99
60) Dibromochloromethane	10.88	129	41853	17.362	ug/l	98
61) 1,2-Dibromoethane	10.98	107	37776	18.123	ug/l	99
64) Tetrachloroethene	10.60	164	28944	17.508	ug/l	94
65) Chlorobenzene	11.41	112	96215	17.964	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	38729	18.006	ug/l	99
67) Ethyl Benzene	11.49	91	172385	17.986	ug/l	99
68) m/p-Xylenes	11.60	106	124493	35.782	ug/l	99
69) o-Xylene	11.92	106	61359	18.819	ug/l	100
70) Styrene	11.94	104	107856	18.819	ug/l	97
71) Bromoform	12.10	173	29442	16.730	ug/l #	100
73) Isopropylbenzene	12.22	105	172478	19.151	ug/l	100
74) N-amyl acetate	12.05	43	69536	19.052	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	58787	18.542	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	52507m	16.278	ug/l	
77) Bromobenzene	12.50	156	40269	17.995	ug/l	99
78) n-propylbenzene	12.57	91	197211	18.654	ug/l	98
79) 2-Chlorotoluene	12.65	91	122868	18.533	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	150985	19.324	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	18697	17.695	ug/l	96
82) 4-Chlorotoluene	12.75	91	129007	18.883	ug/l	98
83) tert-Butylbenzene	12.97	119	126477	19.130	ug/l	98
84) 1,2,4-Trimethylbenzene	13.02	105	148378	19.850	ug/l	98
85) sec-Butylbenzene	13.15	105	165431	19.054	ug/l	100
86) p-Isopropyltoluene	13.26	119	149984	19.462	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	72687	18.182	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	70854	17.671	ug/l	96
89) n-Butylbenzene	13.59	91	126051	19.340	ug/l	99
90) Hexachloroethane	13.85	117	28159	16.951	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	70698	18.863	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	11632	17.090	ug/l	89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	34626	19.382	ug/l	95
94) Hexachlorobutadiene	14.98	225	21253	16.995	ug/l	97
95) Naphthalene	15.10	128	101480	20.796	ug/l	98
96) 1,2,3-Trichlorobenzene	15.28	180	36232	20.003	ug/l	98

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

