Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040820\
Data File : BN010431.D
Acq On : 08 Apr 2020 13:03
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02070

Manual Integrations APPROVED
mohammad
4/9/2020 11:38:20 AM

Quant Time: Apr 08 13:38:15 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040120MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 08 13:35:12 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	566960	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	2524360	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.23	164	1740635	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.97	188	3954811	20.00	ng/ul	0.00
78) Chrysene-d12	21.19	240	4017535	20.00	ng/ul	0.00
86) Perylene-d12	23.36	264	4623175	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	83634	6.98	ng/uL	0.00
5) Phenol-d5	6.79	99	903647	19.11	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	548847	22.15	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	754195	20.09	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	767875	19.22	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	372218	19.86	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	393286	19.82	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	848105	20.61	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	1141051	23.46	ng/ul	0.00
44) Dimethylphthalate-d6	13.65	166	2699142	20.55	ng/ul	0.00
47) Acenaphthylene-d8	13.92	160	3103790	20.23	ng/ul	0.00
52) 4-Nitrophenol-d4	14.43	143	489848	19.86	ng/ul	0.00
58) Fluorene-d10	15.23	176	2341520	20.46	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.35	200	409856	18.10	ng/ul	0.00
71) Anthracene-d10	17.07	188	3640207	20.05	ng/ul	0.00
79) Pyrene-d10	19.37	212	4299051	20.77	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.22	264	4850318	21.09	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.24	88	91881	7.250	ng/uL	98
4) Benzaldehyde	6.76	77	611816	25.320	ng/ul	95
6) Phenol	6.81	94	946531	19.124	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.04	93	738883	19.312	ng/ul	98
10) 2-Chlorophenol	7.18	128	771947	19.849	ng/ul	94
11) 2-Methylphenol	8.04	108	728508	18.941	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.13	45	500295	19.087	ng/ul	98
14) Acetophenone	8.41	105	1228130	20.221	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.40	70	582653	19.655	ng/ul	98
16) 4-Methylphenol	8.37	108	801113	19.049	ng/ul	94
17) Hexachloroethane	8.67	117	308911	19.603	ng/ul	96
20) Nitrobenzene	8.78	77	891644	19.574	ng/ul	99
21) Isophorone	9.30	82	1648777	18.928	ng/ul	100
23) 2-Nitrophenol	9.49	139	446411	19.692	ng/ul	98
24) 2,4-Dimethylphenol	9.56	107	879378	18.970	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.79	93	1056869	19.314	ng/ul	98
27) 2,4-Dichlorophenol	10.02	162	845140	20.340	ng/ul	99
28) Naphthalene	10.41	128	2680213	19.736	ng/ul	98
30) 4-Chloroaniline	10.52	127	1188502	24.334	ng/ul	100
31) Hexachlorobutadiene	10.72	225	555923	20.123	ng/ul	94
32) Caprolactam	11.28	113	237846m	17.155	ng/ul	
33) 4-Chloro-3-methylphenol	11.65	107	907188	20.705	ng/ul	98
34) 2-Methylnaphthalene	12.03	142	2051344	20.792	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.25	142	1921094	19.626	ng/uL	98
37) 1,2,4,5-Tetrachlorobenzene	12.41	216	1103795	20.109	ng/ul	99
38) Hexachlorocyclopentadiene	12.40	237	614787	16.982	ng/ul	96
39) 2,4,6-Trichlorophenol	12.65	196	702055	20.023	ng/ul	94
40) 2,4,5-Trichlorophenol	12.72	196	768661	20.392	ng/ul	97
41) 1,1'-Biphenyl	13.06	154	2674358	20.191	ng/ul	99
42) 2-Chloronaphthalene	13.09	162	2083800	19.799	ng/ul	98
43) 2-Nitroaniline	13.30	65	496564	21.009	ng/ul	95
45) Dimethylphthalate	13.70	163	2655294	19.579	ng/ul	99
46) 2,6-Dinitrotoluene	13.80	165	568282	21.317	ng/ul	98
48) Acenaphthylene	13.95	152	3327662	20.160	ng/ul	99
49) 3-Nitroaniline	14.13	138	579673	23.298	ng/ul	96
50) Acenaphthene	14.30	153	2231986	19.630	ng/ul	99
51) 2,4-Dinitrophenol	14.34	184	257526	16.764	ng/ul	97
53) 4-Nitrophenol	14.45	109	406032	20.589	ng/ul	96
54) Dibenzofuran	14.63	168	3216642	20.084	ng/ul	98
55) 2,4-Dinitrotoluene	14.60	165	779842	19.934	ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	14.86	232	704972	21.427	ng/ul	97
57) Diethylphthalate	15.07	149	2623491	19.526	ng/ul	100
59) Fluorene	15.28	166	2597717	19.930	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.29	204	1337472	19.765	ng/ul	99
61) 4-Nitroaniline	15.30	138	666303	23.739	ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.36	198	460298	18.523	ng/ul	96
65) N-Nitrosodiphenylamine	15.50	169	2325454	20.211	ng/ul	96
66) 4-Bromophenyl-phenylether	16.18	248	806575	19.389	ng/ul	98
67) Hexachlorobenzene	16.29	284	890223	18.851	ng/ul	99
68) Atrazine	16.46	200	799198	17.700	ng/ul	99
69) Pentachlorophenol	16.63	266	539609	18.686	ng/ul	99
70) Phenanthrene	17.02	178	4325590	19.739	ng/ul	99
72) Anthracene	17.11	178	4320819	19.715	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.02	216	1115449	18.575	ng/uL	98
74) Pentachlorobenzene	14.56	250	1050315	17.791	ng/uL	97
75) Carbazole	17.38	167	4062520	22.291	ng/ul	99
76) Di-n-butylphthalate	17.97	149	4468730	19.729	ng/ul	99
77) Fluoranthene	19.05	202	5371681	23.017	ng/ul	98
80) Pyrene	19.41	202	5591498	20.814	ng/ul	96
81) Butylbenzylphthalate	20.33	149	2095083	19.556	ng/ul	95
82) 3,3'-Dichlorobenzidine	21.10	252	2005359	21.946	ng/ul	97
83) Benzo(a)anthracene	21.17	228	5571308	20.641	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.13	149	3242935	20.455	ng/ul	98
85) Chrysene	21.22	228	5355697	20.807	ng/ul	98
87) Di-n-octyl phthalate	21.99	149	5531254	24.354	ng/ul	100
88) Benzo(b)fluoranthene	22.72	252	5744197	20.518	ng/ul	96
89) Benzo(k)fluoranthene	22.76	252	5752297	21.151	ng/ul	97
91) Benzo(a)pyrene	23.26	252	5668669	21.627	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.51	276	6591723	19.488	ng/ul	98
93) Dibenzo(a,h)anthracene	25.52	278	5486443	19.638	ng/ul	98
94) Benzo(g,h,i)perylene	26.16	276	5432326	19.061	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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