Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050120\
Data File : BN010683.D
Acq On : 01 May 2020 11:33
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD02091

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5/4/2020 3:44:29 PM

Quant Time: May 01 12:08:51 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 01 12:05:34 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	582458	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	2548123	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.20	164	1641120	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.96	188	3664768	20.00	ng/ul	0.00
78) Chrysene-d12	21.16	240	3418620	20.00	ng/ul	0.00
86) Perylene-d12	23.33	264	3092425	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	77107	6.93	ng/uL	0.00
5) Phenol-d5	6.78	99	898242	19.53	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	522708	22.47	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	759196	19.36	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	751459	19.38	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	372959	19.00	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	428906	19.60	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	851173	19.84	ng/ul	0.00
29) 4-Chloroaniline-d4	10.48	131	1090607	22.17	ng/ul	0.00
44) Dimethylphthalate-d6	13.63	166	2381542	19.56	ng/ul	0.00
47) Acenaphthylene-d8	13.89	160	2866035	19.16	ng/ul	0.00
52) 4-Nitrophenol-d4	14.42	143	406306	17.14	ng/ul	0.00
58) Fluorene-d10	15.20	176	2078710	19.02	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.33	200	362008	18.91	ng/ul	0.00
71) Anthracene-d10	17.05	188	3306533	19.48	ng/ul	0.00
79) Pyrene-d10	19.36	212	3690155	19.12	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.19	264	3057641	19.06	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.23	88	87606	7.44	ng/uL#	96
4) Benzaldehyde	6.73	77	622457	26.06	ng/ul	99
6) Phenol	6.80	94	942175	19.79	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.02	93	696562	19.00	ng/ul	96
10) 2-Chlorophenol	7.15	128	782303	19.61	ng/ul	98
11) 2-Methylphenol	8.02	108	722755	19.18	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.10	45	479083	20.56	ng/ul	99
14) Acetophenone	8.39	105	1206443	20.58	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.38	70	561797	20.01	ng/ul	95
16) 4-Methylphenol	8.35	108	785175	19.48	ng/ul	99
17) Hexachloroethane	8.64	117	310263	18.75	ng/ul	87
20) Nitrobenzene	8.76	77	901673	19.66	ng/ul	99
21) Isophorone	9.29	82	1580053	18.68	ng/ul	99
23) 2-Nitrophenol	9.46	139	461155	19.49	ng/ul	97
24) 2,4-Dimethylphenol	9.53	107	883768	18.94	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.76	93	995611	19.35	ng/ul	99
27) 2,4-Dichlorophenol	9.99	162	821959	19.45	ng/ul	99
28) Naphthalene	10.38	128	2579315	18.83	ng/ul	99
30) 4-Chloroaniline	10.50	127	1128413	23.10	ng/ul	97
31) Hexachlorobutadiene	10.68	225	538744	18.31	ng/ul	95
32) Caprolactam	11.28	113	227463m	16.96	ng/ul	
33) 4-Chloro-3-methylphenol	11.63	107	877622	19.82	ng/ul	99
34) 2-Methylnaphthalene	12.00	142	1929894	19.94	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.22	142	1803453	18.62	ng/uL	98
37) 1,2,4,5-Tetrachlorobenzene	12.38	216	1048174	19.16	ng/ul	94
38) Hexachlorocyclopentadiene	12.36	237	328812	12.35	ng/ul	99
39) 2,4,6-Trichlorophenol	12.63	196	680323	19.19	ng/ul	98
40) 2,4,5-Trichlorophenol	12.70	196	721763	18.93	ng/ul	97
41) 1,1'-Biphenyl	13.03	154	2497470	19.81	ng/ul	98
42) 2-Chloronaphthalene	13.07	162	1971107	19.35	ng/ul	99
43) 2-Nitroaniline	13.27	65	503386	21.30	ng/ul	93
45) Dimethylphthalate	13.67	163	2355726	18.63	ng/ul	99
46) 2,6-Dinitrotoluene	13.79	165	538361	20.02	ng/ul	99
48) Acenaphthylene	13.92	152	3092788	19.59	ng/ul	99
49) 3-Nitroaniline	14.11	138	506926	19.82	ng/ul	91
50) Acenaphthene	14.27	153	2058493	19.05	ng/ul	94
51) 2,4-Dinitrophenol	14.32	184	205450	16.13	ng/ul	96
53) 4-Nitrophenol	14.44	109	332834	17.34	ng/ul	94
54) Dibenzofuran	14.61	168	2996301	19.81	ng/ul	97
55) 2,4-Dinitrotoluene	14.57	165	730848	19.08	ng/ul	93
56) 2,3,4,6-Tetrachlorophenol	14.84	232	628917	18.87	ng/ul	98
57) Diethylphthalate	15.05	149	2376489	18.70	ng/ul	98
59) Fluorene	15.26	166	2388278	19.26	ng/ul	96
60) 4-Chlorophenyl-phenylether	15.26	204	1191626	18.79	ng/ul	100
61) 4-Nitroaniline	15.28	138	557474	19.24	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.35	198	389854	18.94	ng/ul	93
65) N-Nitrosodiphenylamine	15.47	169	2115248	19.92	ng/ul	97
66) 4-Bromophenyl-phenylether	16.16	248	748612	18.71	ng/ul	96
67) Hexachlorobenzene	16.27	284	831138	18.26	ng/ul	97
68) Atrazine	16.44	200	685119	16.34	ng/ul	99
69) Pentachlorophenol	16.61	266	511606	17.61	ng/ul	96
70) Phenanthrene	17.00	178	3868794	19.01	ng/ul	97
72) Anthracene	17.09	178	3965534	19.22	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.99	216	1028699	17.70	ng/uL	97
74) Pentachlorobenzene	14.53	250	973189	17.18	ng/uL	98
75) Carbazole	17.36	167	3567565	21.05	ng/ul	99
76) Di-n-butylphthalate	17.95	149	4130903	19.35	ng/ul	100
77) Fluoranthene	19.02	202	4677179	21.15	ng/ul	98
80) Pyrene	19.39	202	4851805	19.64	ng/ul	98
81) Butylbenzylphthalate	20.31	149	1973535	18.52	ng/ul	94
82) 3,3'-Dichlorobenzidine	21.09	252	1288258	17.48	ng/ul	98
83) Benzo(a)anthracene	21.15	228	4429272	18.68	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.10	149	2910936	18.92	ng/ul	100
85) Chrysene	21.20	228	4038517	18.11	ng/ul	99
87) Di-n-octyl phthalate	21.97	149	4730683	21.51	ng/ul	100
88) Benzo(b)fluoranthene	22.69	252	3968616	19.67	ng/ul	99
89) Benzo(k)fluoranthene	22.73	252	3580960	17.89	ng/ul	97
91) Benzo(a)pyrene	23.24	252	3582387	19.98	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.47	276	3908694	19.37	ng/ul	98
93) Dibenzo(a,h)anthracene	25.47	278	3262760	19.25	ng/ul	99
94) Benzo(g,h,i)perylene	26.11	276	3180260	19.04	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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