Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP063020\
Data File : BP002584.D
Acq On : 01 Jul 2020 02:22
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDCCC040

Quant Time: Jul 01 04:12:42 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP062920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 29 16:51:57 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	174442	20.00	ng	0.00
21) Naphthalene-d8	10.35	136	721687	20.00	ng	0.00
39) Acenaphthene-d10	14.23	164	465665	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	1056462	20.00	ng	0.00
76) Chrysene-d12	21.10	240	937285	20.00	ng	0.00
86) Perylene-d12	23.29	264	911607	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	782641	75.96	ng	0.00
7) Phenol-d6	6.78	99	1126786	78.36	ng	0.00
23) Nitrobenzene-d5	8.72	82	1080790	77.16	ng	0.00
42) 2,4,6-Tribromophenol	15.73	330	432919	76.44	ng	0.00
45) 2-Fluorobiphenyl	12.84	172	2273296	71.85	ng	0.00
79) Terphenyl-d14	19.57	244	3171483	73.04	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.15	88	164418	37.234	ng	99
3) Pyridine	3.52	79	462068	35.306	ng	98
4) n-Nitrosodimethylamine	3.45	42	217158	39.089	ng	95
6) Aniline	6.91	93	715942	39.631	ng	98
8) 2-Chlorophenol	7.15	128	445933	38.964	ng	98
9) Benzaldehyde	6.72	77	279968	36.590	ng	99
10) Phenol	6.80	94	578047	39.860	ng	99
11) bis(2-Chloroethyl)ether	7.01	93	459413	38.598	ng	98
12) 1,3-Dichlorobenzene	7.46	146	498421	37.740	ng	99
13) 1,4-Dichlorobenzene	7.61	146	506028	37.610	ng	99
14) 1,2-Dichlorobenzene	7.92	146	493844	38.132	ng	99
15) Benzyl Alcohol	7.82	79	441948	40.900	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.11	45	655960	39.556	ng	100
17) 2-Methylphenol	8.03	107	435900	40.158	ng	98
18) Hexachloroethane	8.64	117	176006	36.245	ng	98
19) n-Nitroso-di-n-propylamine	8.39	70	362825	38.455	ng	98
20) 3+4-Methylphenols	8.36	107	592933	40.517	ng	97
22) Acetophenone	8.39	105	683789	37.434	ng	99
24) Nitrobenzene	8.76	77	573329	38.672	ng	99
25) Isophorone	9.29	82	1092464	38.915	ng	98
26) 2-Nitrophenol	9.47	139	272709	40.333	ng	99
27) 2,4-Dimethylphenol	9.55	122	403949	39.427	ng	99
28) bis(2-Chloroethoxy)methane	9.78	93	618728	38.369	ng	99
29) 2,4-Dichlorophenol	10.01	162	468294	39.660	ng	98
30) 1,2,4-Trichlorobenzene	10.22	180	506417	38.096	ng	97
31) Naphthalene	10.40	128	1460539	38.230	ng	100
32) Benzoic acid	9.73	122	346822	43.988	ng	97
33) 4-Chloroaniline	10.51	127	662861	39.666	ng	99
34) Hexachlorobutadiene	10.70	225	302044	37.122	ng	98
35) Caprolactam	11.30	113	171366	43.174	ng	98
36) 4-Chloro-3-methylphenol	11.66	107	522287	40.357	ng	100
37) 2-Methylnaphthalene	12.02	142	1062862	38.156	ng	99
38) 1-Methylnaphthalene	12.25	142	1007058	38.386	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.40	216	552352	37.987	ng	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.39	237	172619	25.878 ng	96
43) 2,4,6-Trichlorophenol	12.65	196	396680	40.319 ng	97
44) 2,4,5-Trichlorophenol	12.73	196	465398	41.092 ng	100
46) 1,1'-Biphenyl	13.05	154	1314677	37.323 ng	99
47) 2-Chloronaphthalene	13.09	162	1077782	37.588 ng	98
48) 2-Nitroaniline	13.30	65	381583	41.715 ng	98
49) Acenaphthylene	13.95	152	1721093	38.140 ng	98
50) Dimethylphthalate	13.70	163	1398833	38.246 ng	100
51) 2,6-Dinitrotoluene	13.81	165	315163	39.899 ng	99
52) Acenaphthene	14.29	154	1012379	38.025 ng	99
53) 3-Nitroaniline	14.14	138	358501	41.682 ng	100
54) 2,4-Dinitrophenol	14.35	184	192031	42.078 ng	98
55) Dibenzofuran	14.63	168	1614636	37.422 ng	100
56) 4-Nitrophenol	14.47	139	278059	42.143 ng	99
57) 2,4-Dinitrotoluene	14.60	165	440771	41.481 ng	100
58) Fluorene	15.29	166	1195607	36.385 ng	99
59) 2,3,4,6-Tetrachlorophenol	14.87	232	369801	40.420 ng	99
60) Diethylphthalate	15.07	149	1382881	38.024 ng	100
61) 4-Chlorophenyl-phenylether	15.29	204	633376	35.942 ng	99
62) 4-Nitroaniline	15.31	138	361782	42.086 ng	100
63) Azobenzene	15.58	77	1366987	38.873 ng	100
65) 4,6-Dinitro-2-methylphenol	15.38	198	265112	39.497 ng	99
66) n-Nitrosodiphenylamine	15.50	169	1142965	37.060 ng	100
67) 4-Bromophenyl-phenylether	16.18	248	444039	37.402 ng	98
68) Hexachlorobenzene	16.30	284	476096	37.433 ng	99
69) Atrazine	16.47	200	384918	38.897 ng	99
70) Pentachlorophenol	16.65	266	284215	40.463 ng	98
71) Phenanthrene	17.03	178	2113962	37.190 ng	98
72) Anthracene	17.12	178	2120940	37.496 ng	99
73) Carbazole	17.39	167	2072125	37.905 ng	99
74) Di-n-butylphthalate	17.97	149	2430122	37.747 ng	99
75) Fluoranthene	19.02	202	2615639	38.016 ng	100
77) Benzidine	19.20	184	1031944	36.212 ng	100
78) Pyrene	19.37	202	2637902	41.348 ng	100
80) Butylbenzylphthalate	20.26	149	1169139	41.976 ng	99
81) Benzo(a)anthracene	21.08	228	2388311	38.976 ng	99
82) 3,3'-Dichlorobenzidine	21.02	252	905537	40.365 ng	97
83) Chrysene	21.13	228	2228098	37.919 ng	99
84) Bis(2-ethylhexyl)phthalate	21.03	149	1571748	39.299 ng	98
85) Di-n-octyl phthalate	21.89	149	2845409	40.280 ng	99
87) Indeno(1,2,3-cd)pyrene	25.51	276	2370046	36.108 ng	100
88) Benzo(b)fluoranthene	22.63	252	2387250	41.040 ng	99
89) Benzo(k)fluoranthene	22.68	252	2264354	41.727 ng	98
90) Benzo(a)pyrene	23.20	252	2148373	40.247 ng	99
91) Dibenzo(a,h)anthracene	25.52	278	1918942	35.778 ng	99
92) Benzo(g,h,i)perylene	26.18	276	1903007	35.477 ng	99

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

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