Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP061620\
Data File : BP002414.D
Acq On : 16 Jun 2020 08:26
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDCCC040

Quant Time: Jun 16 15:29:18 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 05 15:08:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	144698	20.00	ng		0.00
21) Naphthalene-d8	10.36	136	616826	20.00	ng		0.00
39) Acenaphthene-d10	14.23	164	378269	20.00	ng		0.00
64) Phenanthrene-d10	16.99	188	804741	20.00	ng		0.00
76) Chrysene-d12	21.10	240	775175	20.00	ng		-0.01
86) Perylene-d12	23.29	264	841320	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.20	112	635480	81.27	ng		0.00
7) Phenol-d6	6.78	99	872291	83.78	ng		0.00
23) Nitrobenzene-d5	8.73	82	851820	82.47	ng		0.00
42) 2,4,6-Tribromophenol	15.73	330	290575	80.23	ng		0.00
45) 2-Fluorobiphenyl	12.85	172	1786306	79.40	ng		0.00
79) Terphenyl-d14	19.58	244	2598135	86.71	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.16	88	155350	43.128	ng		99
3) Pyridine	3.54	79	438141	44.753	ng		99
4) n-Nitrosodimethylamine	3.46	42	166788	41.340	ng		97
6) Aniline	6.92	93	598179	42.247	ng		99
8) 2-Chlorophenol	7.16	128	360187	40.965	ng		99
9) Benzaldehyde	6.73	77	225722	41.420	ng		97
10) Phenol	6.80	94	477540	42.291	ng		99
11) bis(2-Chloroethyl)ether	7.02	93	397358	42.148	ng		99
12) 1,3-Dichlorobenzene	7.48	146	403155	39.819	ng		99
13) 1,4-Dichlorobenzene	7.62	146	403512	39.613	ng		97
14) 1,2-Dichlorobenzene	7.94	146	391377	40.109	ng		100
15) Benzyl Alcohol	7.83	79	333316	41.306	ng		100
16) 2,2'-oxybis(1-Chloropropan	8.12	45	565725	42.292	ng		98
17) 2-Methylphenol	8.04	107	343313	41.609	ng		99
18) Hexachloroethane	8.66	117	150676	40.603	ng		97
19) n-Nitroso-di-n-propylamine	8.39	70	305004	43.828	ng		99
20) 3+4-Methylphenols	8.36	107	469634	42.174	ng		98
22) Acetophenone	8.40	105	577833	41.697	ng	#	98
24) Nitrobenzene	8.78	77	454949	40.976	ng		98
25) Isophorone	9.30	82	863588	41.052	ng		99
26) 2-Nitrophenol	9.48	139	191185	38.643	ng		96
27) 2,4-Dimethylphenol	9.56	122	313175	40.349	ng		99
28) bis(2-Chloroethoxy)methane	9.79	93	519697	41.476	ng		99
29) 2,4-Dichlorophenol	10.02	162	342189	39.165	ng		98
30) 1,2,4-Trichlorobenzene	10.23	180	379321	38.949	ng		100
31) Naphthalene	10.41	128	1159268	40.454	ng		99
32) Benzoic acid	9.69	122	198448	32.641	ng		98
33) 4-Chloroaniline	10.52	127	510144	40.778	ng		99
34) Hexachlorobutadiene	10.71	225	223375	39.304	ng		98
35) Caprolactam	11.28	113	120628	39.145	ng		96
36) 4-Chloro-3-methylphenol	11.66	107	380325	40.231	ng		99
37) 2-Methylnaphthalene	12.03	142	820885	40.359	ng		99
38) 1-Methylnaphthalene	12.25	142	768107	40.234	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.41	216	394492	39.562	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.40	237	206277	38.912	ng	99
43) 2,4,6-Trichlorophenol	12.66	196	270952	38.395	ng	100
44) 2,4,5-Trichlorophenol	12.73	196	315848	38.652	ng	99
46) 1,1'-Biphenyl	13.06	154	991120	39.979	ng	100
47) 2-Chloronaphthalene	13.10	162	815753	40.227	ng	98
48) 2-Nitroaniline	13.30	65	266319	41.140	ng	98
49) Acenaphthylene	13.95	152	1300657	40.185	ng	100
50) Dimethylphthalate	13.70	163	1026536	39.606	ng	99
51) 2,6-Dinitrotoluene	13.81	165	224022	39.799	ng	96
52) Acenaphthene	14.30	154	776184	40.936	ng	100
53) 3-Nitroaniline	14.14	138	255096	39.689	ng	100
54) 2,4-Dinitrophenol	14.35	184	110925	35.052	ng	98
55) Dibenzofuran	14.64	168	1227912	40.224	ng	100
56) 4-Nitrophenol	14.46	139	194544	38.122	ng	98
57) 2,4-Dinitrotoluene	14.60	165	304869	39.790	ng	96
58) Fluorene	15.29	166	920671	38.343	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.87	232	253382	39.062	ng	100
60) Diethylphthalate	15.09	149	1010837	38.923	ng	100
61) 4-Chlorophenyl-phenylether	15.30	204	488430	40.971	ng	95
62) 4-Nitroaniline	15.31	138	243902	39.494	ng	95
63) Azobenzene	15.59	77	1088695	42.114	ng	97
65) 4,6-Dinitro-2-methylphenol	15.37	198	165198	38.902	ng	93
66) n-Nitrosodiphenylamine	15.51	169	853859	41.535	ng	99
67) 4-Bromophenyl-phenylether	16.19	248	312476	40.989	ng	98
68) Hexachlorobenzene	16.30	284	325405	40.226	ng	95
69) Atrazine	16.47	200	254798	37.994	ng	100
70) Pentachlorophenol	16.65	266	186586	38.553	ng	99
71) Phenanthrene	17.03	178	1559923	41.439	ng	100
72) Anthracene	17.13	178	1556677	41.627	ng	99
73) Carbazole	17.40	167	1505610	40.927	ng	100
74) Di-n-butylphthalate	17.98	149	1754113	40.292	ng	99
75) Fluoranthene	19.02	202	1833915	40.813	ng	99
77) Benzidine	19.20	184	623152	35.976	ng	100
78) Pyrene	19.37	202	1908787	40.200	ng	99
80) Butylbenzylphthalate	20.27	149	790609	37.457	ng	98
81) Benzo(a)anthracene	21.08	228	1772205	40.053	ng	98
82) 3,3'-Dichlorobenzidine	21.02	252	617876	37.575	ng	98
83) Chrysene	21.13	228	1716082	40.936	ng	99
84) Bis(2-ethylhexyl)phthalate	21.04	149	1203273	39.191	ng	100
85) Di-n-octyl phthalate	21.91	149	2035701	37.802	ng	99
87) Indeno(1,2,3-cd)pyrene	25.51	276	2116874	40.228	ng	99
88) Benzo(b)fluoranthene	22.64	252	1835403	40.454	ng	99
89) Benzo(k)fluoranthene	22.69	252	1783190	41.366	ng	98
90) Benzo(a)pyrene	23.20	252	1723033	40.525	ng	97
91) Dibenzo(a,h)anthracene	25.52	278	1727556	40.927	ng	99
92) Benzo(g,h,i)perylene	26.19	276	1744861	39.912	ng	97

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

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