Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP012120\
Data File : BP001669.D
Acq On : 21 Jan 2020 14:31
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
1/22/2020 1:35:58 PM

Quant Time: Jan 22 03:46:48 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 14 21:52:04 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	16564	20.00	ng		-0.05
21) Naphthalene-d8	10.37	136	71843	20.00	ng		-0.05
39) Acenaphthene-d10	14.25	164	56205	20.00	ng		-0.04
64) Phenanthrene-d10	17.01	188	145430	20.00	ng		-0.04
76) Chrysene-d12	21.12	240	155039	20.00	ng		-0.04
87) Perylene-d12	23.33	264	169965	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.22	112	68471	80.98	ng		-0.05
7) Phenol-d6	6.79	99	112576	83.30	ng		-0.04
23) Nitrobenzene-d5	8.75	82	137030	83.35	ng		-0.04
42) 2,4,6-Tribromophenol	15.75	330	61779	72.21	ng		-0.04
45) 2-Fluorobiphenyl	12.86	172	326704	85.46	ng		-0.04
79) Terphenyl-d14	19.60	244	656642	77.47	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	3.17	88	12841	47.585	ng		98
3) Pyridine	3.55	79	46449	47.634	ng		94
4) n-Nitrosodimethylamine	3.46	42	31813	46.031	ng	#	97
6) Aniline	6.93	93	74660	44.184	ng		99
8) 2-Chlorophenol	7.17	128	40671	41.199	ng		96
9) Benzaldehyde	6.74	77	29132	36.090	ng		97
10) Phenol	6.82	94	59536	42.588	ng		99
11) bis(2-Chloroethyl)ether	7.03	93	46656	42.554	ng		97
12) 1,3-Dichlorobenzene	7.49	146	49019	39.503	ng		95
13) 1,4-Dichlorobenzene	7.63	146	50682	39.499	ng		96
14) 1,2-Dichlorobenzene	7.95	146	49685	40.069	ng		97
15) Benzyl Alcohol	7.84	79	52778	41.470	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.13	45	95732	47.001	ng		96
17) 2-Methylphenol	8.05	107	41197	42.445	ng		99
18) Hexachloroethane	8.66	117	20459	40.843	ng		96
19) n-Nitroso-di-n-propylamine	8.40	70	47130	45.744	ng		89
20) 3+4-Methylphenols	8.38	107	58171	42.847	ng		97
22) Acetophenone	8.41	105	84577	41.996	ng	#	96
24) Nitrobenzene	8.78	77	68512	41.191	ng		97
25) Isophorone	9.30	82	129051	43.772	ng		98
26) 2-Nitrophenol	9.49	139	25607	40.738	ng		98
27) 2,4-Dimethylphenol	9.57	122	38188	40.666	ng		98
28) bis(2-Chloroethoxy)methane	9.80	93	73732	42.690	ng		95
29) 2,4-Dichlorophenol	10.03	162	49275	38.334	ng		96
30) 1,2,4-Trichlorobenzene	10.24	180	61435	39.591	ng		97
31) Naphthalene	10.42	128	150751	39.759	ng		98
32) Benzoic acid	9.79	122	7220m	12.409	ng		
33) 4-Chloroaniline	10.53	127	67929	38.910	ng		93
34) Hexachlorobutadiene	10.72	225	42761	38.928	ng		97
35) Caprolactam	11.29	113	19080	40.877	ng	#	79
36) 4-Chloro-3-methylphenol	11.69	107	60606	39.287	ng		95
37) 2-Methylnaphthalene	12.04	142	118952	39.365	ng		99
38) 1-Methylnaphthalene	12.26	142	114143	39.253	ng		96
40) 1,2,4,5-Tetrachlorobenzene	12.42	216	80913	42.025	ng		98

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 14 21:52:04 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.40	237	20167	20.650	ng		96
43) 2,4,6-Trichlorophenol	12.67	196	46550	37.488	ng		98
44) 2,4,5-Trichlorophenol	12.75	196	48474	36.736	ng		100
46) 1,1'-Biphenyl	13.07	154	169223	42.016	ng		98
47) 2-Chloronaphthalene	13.11	162	139619	41.710	ng		97
48) 2-Nitroaniline	13.32	65	59810	45.479	ng		96
49) Acenaphthylene	13.96	152	214452	41.541	ng		99
50) Dimethylphthalate	13.72	163	188246	40.664	ng		99
51) 2,6-Dinitrotoluene	13.83	165	40352	41.105	ng		95
52) Acenaphthene	14.31	154	130001	40.660	ng		97
53) 3-Nitroaniline	14.16	138	40662	39.231	ng		97
54) 2,4-Dinitrophenol	14.37	184	11831	21.434	ng		90
55) Dibenzofuran	14.65	168	220595	40.801	ng		99
56) 4-Nitrophenol	14.50	139	26079	31.509	ng		95
57) 2,4-Dinitrotoluene	14.63	165	58281	40.575	ng		95
58) Fluorene	15.30	166	180931	41.356	ng		97
59) 2,3,4,6-Tetrachlorophenol	14.89	232	44639m	32.762	ng		
60) Diethylphthalate	15.10	149	195041	40.963	ng		99
61) 4-Chlorophenyl-phenylether	15.31	204	103284	41.249	ng		96
62) 4-Nitroaniline	15.33	138	45795	38.753	ng		99
63) Azobenzene	15.60	77	207493	43.614	ng		97
65) 4,6-Dinitro-2-methylphenol	15.40	198	26498	33.701	ng		94
66) n-Nitrosodiphenylamine	15.53	169	157102	40.776	ng		99
67) 4-Bromophenyl-phenylether	16.20	248	65756	40.080	ng		98
68) Hexachlorobenzene	16.32	284	76472	40.118	ng		96
69) Atrazine	16.49	200	44797	31.659	ng		98
70) Pentachlorophenol	16.67	266	40074	38.068	ng		96
71) Phenanthrene	17.05	178	317524	40.148	ng		99
72) Anthracene	17.15	178	314759	40.881	ng		99
73) Carbazole	17.42	167	286932	39.695	ng		99
74) Di-n-butylphthalate	18.00	149	352907	41.266	ng		100
75) Fluoranthene	19.03	202	420869	40.442	ng		99
77) Benzidine	19.22	184	131904	37.260	ng		97
78) Pyrene	19.39	202	431429	37.882	ng		99
80) Butylbenzylphthalate	20.28	149	170467	39.382	ng		94
81) Benzo(a)anthracene	21.10	228	431200	39.935	ng		99
82) 3,3'-Dichlorobenzidine	21.04	252	160250	39.578	ng		100
83) Chrysene	21.15	228	415904	39.525	ng		98
84) Bis(2-ethylhexyl)phthalate	21.05	149	243693	41.068	ng		98
85) Di-n-octyl phthalate	21.92	149	403525	42.649	ng		94
86) Indeno(1,2,3-cd)pyrene	25.56	276	501714	40.732	ng	#	97
88) Benzo(b)fluoranthene	22.67	252	427558	39.920	ng		99
89) Benzo(k)fluoranthene	22.71	252	437883	41.932	ng		98
90) Benzo(a)pyrene	23.23	252	412796	40.593	ng	#	98
91) Dibenzo(a,h)anthracene	25.58	278	415378	39.589	ng	#	98
92) Benzo(g,h,i)perylene	26.24	276	417590	40.036	ng	#	97

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

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