Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122019\
Data File : BP001335.D
Acq On : 20 Dec 2019 10:13
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
12/23/2019 11:56:03 AM

Quant Time: Dec 20 13:03:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 20 03:20:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.30	152	47931	20.00	ng		0.00
21) Naphthalene-d8	10.34	136	167022	20.00	ng		0.00
39) Acenaphthene-d10	13.20	164	98767	20.00	ng		0.00
64) Phenanthrene-d10	15.60	188	194589	20.00	ng		0.00
76) Chrysene-d12	19.25	240	161359	20.00	ng		0.00
87) Perylene-d12	21.02	264	171763	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.20	112	225101	75.90	ng		0.00
7) Phenol-d6	7.75	99	295651	76.40	ng		0.00
23) Nitrobenzene-d5	9.19	82	327930	75.40	ng		0.00
42) 2,4,6-Tribromophenol	14.50	330	90325	73.15	ng		0.00
45) 2-Fluorobiphenyl	12.12	172	576897	73.86	ng		0.00
79) Terphenyl-d14	17.89	244	715015	75.90	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.52	88	45828	37.549	ng		99
3) Pyridine	3.36	79	129611	38.874	ng		95
4) n-Nitrosodimethylamine	3.28	42	81588	38.646	ng		99
6) Aniline	7.78	93	188184	38.630	ng		99
8) 2-Chlorophenol	7.96	128	113569	38.091	ng		97
9) Benzaldehyde	7.60	77	103650	38.182	ng		99
10) Phenol	7.77	94	166787	37.721	ng		99
11) bis(2-Chloroethyl)ether	7.90	93	119778	38.291	ng		98
12) 1,3-Dichlorobenzene	8.21	146	140085	37.721	ng		98
13) 1,4-Dichlorobenzene	8.33	146	142737	37.725	ng		98
14) 1,2-Dichlorobenzene	8.56	146	137708	38.204	ng		98
15) Benzyl Alcohol	8.53	79	139487	38.415	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.77	45	189015	38.153	ng		100
17) 2-Methylphenol	8.73	107	100497	38.144	ng		94
18) Hexachloroethane	9.10	117	60990	37.892	ng		96
19) n-Nitroso-di-n-propylamine	8.97	70	105692	38.472	ng		99
20) 3+4-Methylphenols	8.98	107	135389	38.725	ng		97
22) Acetophenone	8.95	105	199618	37.794	ng	#	99
24) Nitrobenzene	9.22	77	162143	37.877	ng		100
25) Isophorone	9.61	82	265569	37.974	ng		100
26) 2-Nitrophenol	9.73	139	57676	37.784	ng		97
27) 2,4-Dimethylphenol	9.82	122	86335	38.455	ng		97
28) bis(2-Chloroethoxy)methane	9.98	93	157435	37.691	ng		97
29) 2,4-Dichlorophenol	10.12	162	104324	37.528	ng		98
30) 1,2,4-Trichlorobenzene	10.25	180	125502	36.703	ng		94
31) Naphthalene	10.38	128	342021	37.514	ng		99
32) Benzoic acid	9.99	122	61747m	35.480	ng		
33) 4-Chloroaniline	10.47	127	141276	37.890	ng		99
34) Hexachlorobutadiene	10.59	225	90193	37.817	ng		99
35) Caprolactam	11.04	113	32574	39.379	ng	#	90
36) 4-Chloro-3-methylphenol	11.28	107	123013	37.866	ng		97
37) 2-Methylnaphthalene	11.50	142	238568	37.903	ng		99
38) 1-Methylnaphthalene	11.66	142	218735	36.964	ng		96
40) 1,2,4,5-Tetrachlorobenzene	11.78	216	135129	37.002	ng		100

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	11.78	237	67217	37.214 ng	100
43) 2,4,6-Trichlorophenol	11.97	196	83591	37.219 ng	98
44) 2,4,5-Trichlorophenol	12.03	196	86539	37.502 ng	99
46) 1,1'-Biphenyl	12.27	154	303343	36.702 ng	100
47) 2-Chloronaphthalene	12.30	162	247977	37.113 ng	99
48) 2-Nitroaniline	12.46	65	99598	37.225 ng	99
49) Acenaphthylene	12.97	152	362631	37.127 ng	99
50) Dimethylphthalate	12.80	163	301577	37.219 ng	100
51) 2,6-Dinitrotoluene	12.88	165	61031	37.095 ng	91
52) Acenaphthene	13.26	154	216750	36.831 ng	99
53) 3-Nitroaniline	13.14	138	65020	36.820 ng	97
54) 2,4-Dinitrophenol	13.32	184	23546	37.062 ng	96
55) Dibenzofuran	13.54	168	339564	36.827 ng	99
56) 4-Nitrophenol	13.43	139	46561	36.873 ng	97
57) 2,4-Dinitrotoluene	13.53	165	84749	37.061 ng	94
58) Fluorene	14.10	166	273132	37.035 ng	98
59) 2,3,4,6-Tetrachlorophenol	13.75	232	71445m	36.062 ng	
60) Diethylphthalate	13.96	149	310742	37.182 ng	100
61) 4-Chlorophenyl-phenylether	14.12	204	145242	37.464 ng	96
62) 4-Nitroaniline	12.46	138	76745	37.529 ng	99
63) Azobenzene	14.38	77	329384	37.437 ng	99
65) 4,6-Dinitro-2-methylphenol	14.20	198	30835	35.382 ng	95
66) n-Nitrosodiphenylamine	14.32	169	229240	37.160 ng	99
67) 4-Bromophenyl-phenylether	14.92	248	86489	37.593 ng	95
68) Hexachlorobenzene	15.00	284	98310	37.536 ng	96
69) Atrazine	15.21	200	84396	38.086 ng	99
70) Pentachlorophenol	15.32	266	49993	37.221 ng	95
71) Phenanthrene	15.64	178	414055	37.296 ng	100
72) Anthracene	15.72	178	406262	36.966 ng	99
73) Carbazole	15.96	167	366522	37.407 ng	99
74) Di-n-butylphthalate	16.52	149	500212	37.201 ng	99
75) Fluoranthene	17.35	202	461962	37.214 ng	99
77) Benzidine	17.54	184	179859	38.284 ng	98
78) Pyrene	17.66	202	470112	37.523 ng	99
80) Butylbenzylphthalate	18.54	149	222796	38.144 ng	98
81) Benzo(a)anthracene	19.24	228	431895	36.732 ng	99
82) 3,3'-Dichlorobenzidine	19.20	252	157339	38.536 ng	99
83) Chrysene	19.29	228	424500	37.404 ng	99
84) Bis(2-ethylhexyl)phthalate	19.29	149	321074	37.461 ng	97
85) Di-n-octyl phthalate	20.07	149	536194	37.746 ng	100
86) Indeno(1,2,3-cd)pyrene	22.66	276	453428	36.993 ng	100
88) Benzo(b)fluoranthene	20.54	252	412739	36.590 ng	99
89) Benzo(k)fluoranthene	20.57	252	411443	38.290 ng	99
90) Benzo(a)pyrene	20.95	252	383913	37.360 ng	98
91) Dibenzo(a,h)anthracene	22.69	278	374176	37.242 ng	98
92) Benzo(g,h,i)perylene	23.15	276	353317	36.801 ng	98

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

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