Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042820\
Data File : BG045191.D
Acq On : 28 Apr 2020 18:53
Operator : CG/JU
Sample : PB128402BSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB128402BSD

Manual Integrations APPROVED
mohammad
4/30/2020 12:04:42 AM

Quant Time: Apr 28 19:39:00 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 28 14:34:23 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	60108	20.00	ng		0.00
21) Naphthalene-d8	10.80	136	237277	20.00	ng		0.00
39) Acenaphthene-d10	14.63	164	183353	20.00	ng		0.00
64) Phenanthrene-d10	17.38	188	465047	20.00	ng		0.00
76) Chrysene-d12	21.65	240	448445	20.00	ng		0.00
87) Perylene-d12	24.82	264	492831	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	324086	89.01	ng		0.00
7) Phenol-d6	7.16	99	461888	85.39	ng		0.00
23) Nitrobenzene-d5	9.15	82	415164	79.84	ng		0.00
42) 2,4,6-Tribromophenol	16.13	330	252041	88.98	ng		0.00
45) 2-Fluorobiphenyl	13.25	172	1004989	80.37	ng		0.00
79) Terphenyl-d14	20.00	244	1933368	93.97	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	57375	35.460	ng		97
3) Pyridine	3.84	79	158871	31.890	ng		96
4) n-Nitrosodimethylamine	3.75	42	63799	41.804	ng	#	94
6) Aniline	7.31	93	183718	26.122	ng		99
8) 2-Chlorophenol	7.56	128	181074	46.276	ng		99
9) Benzaldehyde	7.12	77	66397	17.130	ng		98
10) Phenol	7.19	94	243129	44.915	ng		96
11) bis(2-Chloroethyl)ether	7.40	93	168069	38.997	ng		98
12) 1,3-Dichlorobenzene	7.88	146	187053	40.568	ng		99
13) 1,4-Dichlorobenzene	8.03	146	187724	40.859	ng		98
14) 1,2-Dichlorobenzene	8.35	146	178350	40.576	ng		99
15) Benzyl Alcohol	8.23	79	174637	38.506	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.52	45	151085	35.713	ng		97
17) 2-Methylphenol	8.44	107	161513	38.673	ng		95
18) Hexachloroethane	9.08	117	73492	42.550	ng		96
19) n-Nitroso-di-n-propylamine	8.79	70	145346	37.994	ng		97
20) 3+4-Methylphenols	8.77	107	231988	39.685	ng		98
22) Acetophenone	8.81	105	266972	41.607	ng	#	98
24) Nitrobenzene	9.19	77	219268	41.136	ng		94
25) Isophorone	9.72	82	417258	39.182	ng		99
26) 2-Nitrophenol	9.90	139	101712	44.299	ng		98
27) 2,4-Dimethylphenol	9.97	122	165823	45.516	ng		93
28) bis(2-Chloroethoxy)methane	10.20	93	236700	42.304	ng		98
29) 2,4-Dichlorophenol	10.45	162	192702	45.808	ng		98
30) 1,2,4-Trichlorobenzene	10.66	180	202721	42.563	ng		100
31) Naphthalene	10.85	128	546734	42.121	ng		98
32) Benzoic acid	10.12	122	114322	40.060	ng		98
33) 4-Chloroaniline	10.96	127	76482	12.634	ng		98
34) Hexachlorobutadiene	11.14	225	138424	42.390	ng		98
35) Caprolactam	11.72	113	71562m	42.743	ng		
36) 4-Chloro-3-methylphenol	12.08	107	224015	45.331	ng		99
37) 2-Methylnaphthalene	12.45	142	425867	42.270	ng		99
38) 1-Methylnaphthalene	12.68	142	407619	42.856	ng	#	98
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	238273	40.361	ng		98

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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	12.81	237	334748	90.723 ng		98
43) 2,4,6-Trichlorophenol	13.07	196	178479	42.837 ng		97
44) 2,4,5-Trichlorophenol	13.14	196	198227	41.798 ng		97
46) 1,1'-Biphenyl	13.46	154	553802	39.739 ng		98
47) 2-Chloronaphthalene	13.51	162	434671	40.820 ng		99
48) 2-Nitroaniline	13.71	65	143052	40.830 ng		92
49) Acenaphthylene	14.35	152	736314	42.451 ng		100
50) Dimethylphthalate	14.09	163	631665	42.310 ng		99
51) 2,6-Dinitrotoluene	14.20	165	143435	42.954 ng		95
52) Acenaphthene	14.70	154	563642m	48.028 ng		
53) 3-Nitroaniline	14.53	138	78824	21.522 ng	#	91
54) 2,4-Dinitrophenol	14.73	184	187783	94.570 ng		92
55) Dibenzofuran	15.03	168	729075	42.612 ng		99
56) 4-Nitrophenol	14.85	139	243946	85.906 ng		95
57) 2,4-Dinitrotoluene	14.99	165	210166	43.067 ng	#	93
58) Fluorene	15.68	166	608698	43.555 ng		98
59) 2,3,4,6-Tetrachlorophenol	15.26	232	197227	46.738 ng		98
60) Diethylphthalate	15.45	149	668186	42.928 ng		99
61) 4-Chlorophenyl-phenylether	15.67	204	335797	41.745 ng		99
62) 4-Nitroaniline	15.69	138	145149	38.211 ng		99
63) Azobenzene	15.97	77	619590	43.175 ng		98
65) 4,6-Dinitro-2-methylphenol	15.76	198	137359	44.936 ng		96
66) n-Nitrosodiphenylamine	15.89	169	553647	41.435 ng		99
67) 4-Bromophenyl-phenylether	16.57	248	237069	39.515 ng		97
68) Hexachlorobenzene	16.70	284	260243	41.825 ng		97
69) Atrazine	16.84	200	237350	49.142 ng		99
70) Pentachlorophenol	17.04	266	339337	88.900 ng		96
71) Phenanthrene	17.42	178	1026539	42.956 ng		99
72) Anthracene	17.51	178	1062206	44.311 ng		99
73) Carbazole	17.78	167	991411	40.754 ng		97
74) Di-n-butylphthalate	18.35	149	1196968	45.233 ng		100
75) Fluoranthene	19.43	202	1324817	47.509 ng		99
77) Benzidine	19.61	184	516848	38.998 ng		98
78) Pyrene	19.79	202	1304863	42.207 ng		99
80) Butylbenzylphthalate	20.68	149	528797	41.264 ng		98
81) Benzo(a)anthracene	21.62	228	1223396	42.091 ng		99
82) 3,3'-Dichlorobenzidine	21.54	252	334650	28.927 ng		99
83) Chrysene	21.69	228	1203089	43.080 ng		99
84) Bis(2-ethylhexyl)phthalate	21.54	149	744795	42.258 ng		100
85) Di-n-octyl phthalate	22.75	149	1274786	41.826 ng		100
86) Indeno(1,2,3-cd)pyrene	28.42	276	1584583	42.737 ng	#	94
88) Benzo(b)fluoranthene	23.82	252	1347286	43.643 ng		98
89) Benzo(k)fluoranthene	23.89	252	1287915	43.869 ng		99
90) Benzo(a)pyrene	24.67	252	1240498	42.560 ng		97
91) Dibenzo(a,h)anthracene	28.50	278	1289715	43.913 ng		98
92) Benzo(g,h,i)perylene	29.55	276	1291509	43.862 ng		96

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

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