Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051220\
Data File : BG045340.D
Acq On : 12 May 2020 22:25
Operator : CG/JU
Sample : PB128808BSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB128808BSD

Manual Integrations APPROVED
mohammad
5/14/2020 11:53:50 AM

Quant Time: May 13 01:57:39 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 12 15:48:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	62905	20.00	ng	0.00
21) Naphthalene-d8	10.78	136	255237	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	186777	20.00	ng	0.00
64) Phenanthrene-d10	17.36	188	452354	20.00	ng	0.00
76) Chrysene-d12	21.63	240	415005	20.00	ng	0.00
87) Perylene-d12	24.79	264	459521	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	308013	80.84	ng	0.00
7) Phenol-d6	7.14	99	435710	76.97	ng	0.00
23) Nitrobenzene-d5	9.13	82	395771	70.75	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	216535	75.04	ng	0.00
45) 2-Fluorobiphenyl	13.24	172	943539	74.07	ng	0.00
79) Terphenyl-d14	19.98	244	1663242	87.35	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.42	88	43544	25.715	ng	95
3) Pyridine	3.82	79	112407	21.560	ng	95
4) n-Nitrosodimethylamine	3.73	42	56415	35.322	ng	94
6) Aniline	7.29	93	225658	30.658	ng	99
8) 2-Chlorophenol	7.54	128	165870	40.506	ng	99
9) Benzaldehyde	7.10	77	116804	35.337	ng	98
10) Phenol	7.17	94	222527	39.282	ng	96
11) bis(2-Chloroethyl)ether	7.39	93	149614	33.172	ng	96
12) 1,3-Dichlorobenzene	7.86	146	167520	34.716	ng	97
13) 1,4-Dichlorobenzene	8.01	146	166940	34.720	ng	98
14) 1,2-Dichlorobenzene	8.33	146	161449	35.098	ng	96
15) Benzyl Alcohol	8.21	79	173080	36.466	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.50	45	136586	30.850	ng	96
17) 2-Methylphenol	8.42	107	151101	34.571	ng	97
18) Hexachloroethane	9.06	117	64202	35.519	ng	98
19) n-Nitroso-di-n-propylamine	8.78	70	138385	34.566	ng	96
20) 3+4-Methylphenols	8.75	107	213187	34.847	ng	96
22) Acetophenone	8.79	105	252219	36.541	ng	98
24) Nitrobenzene	9.17	77	204343	35.638	ng	98
25) Isophorone	9.70	82	395782	34.550	ng	99
26) 2-Nitrophenol	9.89	139	95573	38.696	ng	96
27) 2,4-Dimethylphenol	9.96	122	163479	41.715	ng	98
28) bis(2-Chloroethoxy)methane	10.19	93	213677	35.502	ng	97
29) 2,4-Dichlorophenol	10.43	162	175883	38.868	ng	98
30) 1,2,4-Trichlorobenzene	10.64	180	181441	35.414	ng	94
31) Naphthalene	10.83	128	500012	35.811	ng	99
32) Benzoic acid	10.10	122	76059	27.208	ng	98
33) 4-Chloroaniline	10.94	127	148595	22.820	ng	97
34) Hexachlorobutadiene	11.12	225	121944	34.715	ng	95
35) Caprolactam	11.70	113	66325m	36.827	ng	
36) 4-Chloro-3-methylphenol	12.07	107	208641	39.249	ng	97
37) 2-Methylnaphthalene	12.44	142	384464	35.475	ng	96
38) 1-Methylnaphthalene	12.66	142	373867m	36.542	ng	
40) 1,2,4,5-Tetrachlorobenzene	12.82	216	216576	36.014	ng	97

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.80	237	290944	77.406 ng		99
43) 2,4,6-Trichlorophenol	13.05	196	161244	37.991 ng		93
44) 2,4,5-Trichlorophenol	13.13	196	175323	36.291 ng		98
46) 1,1'-Biphenyl	13.45	154	511335	36.019 ng		99
47) 2-Chloronaphthalene	13.49	162	388948	35.856 ng		99
48) 2-Nitroaniline	13.69	65	132794	37.208 ng		96
49) Acenaphthylene	14.34	152	675434	38.227 ng		100
50) Dimethylphthalate	14.07	163	566975	37.281 ng		98
51) 2,6-Dinitrotoluene	14.19	165	128096	37.657 ng		97
52) Acenaphthene	14.68	154	481457m	40.273 ng		
53) 3-Nitroaniline	14.51	138	98465	26.392 ng		99
54) 2,4-Dinitrophenol	14.73	184	126373	62.477 ng		94
55) Dibenzofuran	15.01	168	651890	37.402 ng		98
56) 4-Nitrophenol	14.84	139	210252	72.683 ng		97
57) 2,4-Dinitrotoluene	14.98	165	184210	37.056 ng		97
58) Fluorene	15.67	166	537712	37.770 ng		100
59) 2,3,4,6-Tetrachlorophenol	15.25	232	170465	39.656 ng		99
60) Diethylphthalate	15.44	149	581427	36.669 ng		100
61) 4-Chlorophenyl-phenylether	15.66	204	297453	36.300 ng		98
62) 4-Nitroaniline	15.68	138	126819	32.773 ng		97
63) Azobenzene	15.95	77	549250	37.572 ng		99
65) 4,6-Dinitro-2-methylphenol	15.75	198	111564	37.521 ng		98
66) n-Nitrosodiphenylamine	15.87	169	486853	37.459 ng		100
67) 4-Bromophenyl-phenylether	16.55	248	205368	35.192 ng		98
68) Hexachlorobenzene	16.68	284	221470	36.592 ng		98
69) Atrazine	16.82	200	188990	39.258 ng		98
70) Pentachlorophenol	17.02	266	260490	70.158 ng		96
71) Phenanthrene	17.41	178	888109	38.206 ng		99
72) Anthracene	17.50	178	909805	39.018 ng		99
73) Carbazole	17.76	167	844135	35.674 ng		97
74) Di-n-butylphthalate	18.33	149	1013866	38.482 ng		99
75) Fluoranthene	19.42	202	1101690	39.579 ng		99
77) Benzidine	19.60	184	649166	55.380 ng		97
78) Pyrene	19.78	202	1100358	38.460 ng		98
80) Butylbenzylphthalate	20.66	149	448336	37.804 ng		97
81) Benzo(a)anthracene	21.61	228	1035314	38.490 ng		99
82) 3,3'-Dichlorobenzidine	21.52	252	280672	26.216 ng		97
83) Chrysene	21.68	228	991401	38.361 ng		100
84) Bis(2-ethylhexyl)phthalate	21.52	149	630884	38.679 ng		96
85) Di-n-octyl phthalate	22.72	149	1075266	38.122 ng		100
86) Indeno(1,2,3-cd)pyrene	28.38	276	1309348	38.159 ng	#	97
88) Benzo(b)fluoranthene	23.79	252	1107850	38.488 ng		97
89) Benzo(k)fluoranthene	23.85	252	1065166	38.912 ng		98
90) Benzo(a)pyrene	24.64	252	1024123	37.684 ng	#	98
91) Dibenzo(a,h)anthracene	28.45	278	1065734	38.917 ng		98
92) Benzo(g,h,i)perylene	29.50	276	1080450	39.354 ng		99

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

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