Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022620\
Data File : BG044603.D
Acq On : 26 Feb 2020 14:33
Operator : CG/JU
Sample : PB127090BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB127090BS

Manual Integrations APPROVED
mohammad
2/27/2020 4:58:54 PM

Quant Time: Feb 27 07:06:28 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG022420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 24 16:11:23 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	58649	20.00	ng	0.00
21) Naphthalene-d8	10.67	136	247824	20.00	ng	0.00
39) Acenaphthene-d10	14.52	164	161033	20.00	ng	0.00
64) Phenanthrene-d10	17.26	188	372315	20.00	ng	0.00
76) Chrysene-d12	21.50	240	350976	20.00	ng	0.00
87) Perylene-d12	24.56	264	331710	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	439830	120.32	ng	0.00
7) Phenol-d6	7.05	99	575211	114.96	ng	0.00
23) Nitrobenzene-d5	9.03	82	300915	62.56	ng	0.00
42) 2,4,6-Tribromophenol	16.01	330	242323	106.13	ng	0.00
45) 2-Fluorobiphenyl	13.14	172	708702	63.02	ng	0.00
79) Terphenyl-d14	19.87	244	1220408	65.83	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.32	88	53621	33.616	ng	97
3) Pyridine	3.72	79	129626	29.124	ng	98
4) n-Nitrosodimethylamine	3.64	42	67259	39.788	ng	100
6) Aniline	7.20	93	173804	28.531	ng	99
8) 2-Chlorophenol	7.44	128	171450	42.967	ng	100
9) Benzaldehyde	7.01	77	64380	21.882	ng	99
10) Phenol	7.08	94	209503	43.208	ng	99
11) bis(2-Chloroethyl)ether	7.29	93	158982	39.003	ng	99
12) 1,3-Dichlorobenzene	7.76	146	176601	37.107	ng	99
13) 1,4-Dichlorobenzene	7.91	146	180329	37.702	ng	99
14) 1,2-Dichlorobenzene	8.22	146	170455	37.475	ng	98
15) Benzyl Alcohol	8.11	79	137144	40.642	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.40	45	203098	37.074	ng	99
17) 2-Methylphenol	8.32	107	145017	41.865	ng	98
18) Hexachloroethane	8.95	117	65373	37.399	ng	97
19) n-Nitroso-di-n-propylamine	8.68	70	119891	37.277	ng	97
20) 3+4-Methylphenols	8.65	107	194272	40.965	ng	100
22) Acetophenone	8.69	105	233024	37.451	ng	98
24) Nitrobenzene	9.07	77	173694	37.270	ng	99
25) Isophorone	9.60	82	329188	36.581	ng	99
26) 2-Nitrophenol	9.79	139	97010	38.382	ng	97
27) 2,4-Dimethylphenol	9.85	122	157385	44.349	ng	99
28) bis(2-Chloroethoxy)methane	10.08	93	213446	35.867	ng	99
29) 2,4-Dichlorophenol	10.33	162	167264	39.424	ng	97
30) 1,2,4-Trichlorobenzene	10.54	180	171552	34.963	ng	97
31) Naphthalene	10.72	128	503016	37.198	ng	99
32) Benzoic acid	10.02	122	70302	50.891	ng	98
33) 4-Chloroaniline	10.83	127	114001	19.140	ng	98
34) Hexachlorobutadiene	11.02	225	102755	33.347	ng	99
35) Caprolactam	11.60	113	60255m	39.672	ng	
36) 4-Chloro-3-methylphenol	11.97	107	173591	39.748	ng	98
37) 2-Methylnaphthalene	12.34	142	371230	37.145	ng	100
38) 1-Methylnaphthalene	12.55	142	350723	36.932	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.71	216	187337	34.556	ng	99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 24 16:11:23 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.69	237	149421	60.210	ng	98
43) 2,4,6-Trichlorophenol	12.95	196	134320	38.159	ng	99
44) 2,4,5-Trichlorophenol	13.03	196	144558	39.978	ng	97
46) 1,1'-Biphenyl	13.35	154	468113	35.127	ng	99
47) 2-Chloronaphthalene	13.39	162	369195	35.330	ng	99
48) 2-Nitroaniline	13.59	65	107441	37.039	ng	97
49) Acenaphthylene	14.23	152	582014	37.731	ng	100
50) Dimethylphthalate	13.97	163	475009	36.546	ng	100
51) 2,6-Dinitrotoluene	14.09	165	107674	37.563	ng	100
52) Acenaphthene	14.58	154	358622	36.472	ng	99
53) 3-Nitroaniline	14.42	138	80566	26.060	ng	96
54) 2,4-Dinitrophenol	14.63	184	124335	73.644	ng	97
55) Dibenzofuran	14.92	168	566974	37.612	ng	100
56) 4-Nitrophenol	14.75	139	203504	95.697	ng	99
57) 2,4-Dinitrotoluene	14.88	165	153685	38.134	ng	99
58) Fluorene	15.56	166	447817	37.467	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.15	232	131283	39.426	ng	98
60) Diethylphthalate	15.34	149	481118	37.359	ng	99
61) 4-Chlorophenyl-phenylether	15.56	204	236940	36.460	ng	100
62) 4-Nitroaniline	15.59	138	113060	36.523	ng	98
63) Azobenzene	15.85	77	416179	37.972	ng	99
65) 4,6-Dinitro-2-methylphenol	15.65	198	95564	41.453	ng	98
66) n-Nitrosodiphenylamine	15.77	169	422902	36.414	ng	100
67) 4-Bromophenyl-phenylether	16.45	248	158970	34.398	ng	99
68) Hexachlorobenzene	16.57	284	173218	33.151	ng	99
69) Atrazine	16.73	200	167989	39.127	ng	98
70) Pentachlorophenol	16.92	266	199602	78.244	ng	97
71) Phenanthrene	17.30	178	747043	36.242	ng	99
72) Anthracene	17.39	178	771288	37.970	ng	99
73) Carbazole	17.66	167	718010	38.832	ng	99
74) Di-n-butylphthalate	18.22	149	885254	38.207	ng	99
75) Fluoranthene	19.31	202	945962	38.767	ng	99
77) Benzidine	19.49	184	235757	19.609	ng	99
78) Pyrene	19.68	202	956663	37.549	ng	100
80) Butylbenzylphthalate	20.57	149	406211	36.450	ng	100
81) Benzo(a)anthracene	21.48	228	897088	36.367	ng	99
82) 3,3'-Dichlorobenzidine	21.40	252	259007	26.578	ng	99
83) Chrysene	21.55	228	873895	36.641	ng	100
84) Bis(2-ethylhexyl)phthalate	21.40	149	572984	37.314	ng	100
85) Di-n-octyl phthalate	22.56	149	1015052	37.571	ng	99
86) Indeno(1,2,3-cd)pyrene	28.04	276	1084298	35.425	ng	99
88) Benzo(b)fluoranthene	23.60	252	931669	42.719	ng	99
89) Benzo(k)fluoranthene	23.66	252	945045	44.659	ng	99
90) Benzo(a)pyrene	24.42	252	864650	42.196	ng	99
91) Dibenzo(a,h)anthracene	28.09	278	904787	44.647	ng	99
92) Benzo(g,h,i)perylene	29.12	276	910265	44.832	ng	98

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

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