Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040720\
Data File : BG044957.D
Acq On : 7 Apr 2020 16:21
Operator : CG/JU
Sample : PB128064BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB128064BS

Manual Integrations APPROVED
mohammad
4/8/2020 8:14:05 AM

Quant Time: Apr 08 07:31:48 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 23 07:18:46 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	79804	20.00	ng		-0.01
21) Naphthalene-d8	10.85	136	310988	20.00	ng		-0.01
39) Acenaphthene-d10	14.67	164	217992	20.00	ng		-0.01
64) Phenanthrene-d10	17.42	188	521183	20.00	ng		0.00
76) Chrysene-d12	21.69	240	531039	20.00	ng		0.00
87) Perylene-d12	24.89	264	593554	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	673057	131.29	ng		0.00
7) Phenol-d6	7.21	99	907355	121.82	ng		0.00
23) Nitrobenzene-d5	9.20	82	573105	80.87	ng		0.00
42) 2,4,6-Tribromophenol	16.16	330	406981	142.59	ng		0.00
45) 2-Fluorobiphenyl	13.30	172	1270941	83.49	ng		0.00
79) Terphenyl-d14	20.03	244	2262447	79.69	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	88154	35.709	ng	#	81
3) Pyridine	3.90	79	249666	34.162	ng	#	75
4) n-Nitrosodimethylamine	3.82	42	95544	34.457	ng	#	61
6) Aniline	7.36	93	266665	28.772	ng		92
8) 2-Chlorophenol	7.60	128	245270	47.927	ng		91
9) Benzaldehyde	7.17	77	144061m	29.388	ng		
10) Phenol	7.23	94	331052	44.893	ng		97
11) bis(2-Chloroethyl)ether	7.45	93	239312	40.663	ng		93
12) 1,3-Dichlorobenzene	7.93	146	271750	43.107	ng		98
13) 1,4-Dichlorobenzene	8.07	146	267903	42.985	ng		97
14) 1,2-Dichlorobenzene	8.40	146	252164	42.661	ng		97
15) Benzyl Alcohol	8.27	79	239068	40.003	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.57	45	228770	22.027	ng		84
17) 2-Methylphenol	8.48	107	217597	43.562	ng		98
18) Hexachloroethane	9.13	117	99427	40.521	ng		96
19) n-Nitroso-di-n-propylamine	8.84	70	194060	36.898	ng	#	88
20) 3+4-Methylphenols	8.81	107	298065	43.287	ng		98
22) Acetophenone	8.86	105	367062	41.663	ng	#	92
24) Nitrobenzene	9.24	77	301608	41.015	ng		98
25) Isophorone	9.77	82	536677	38.800	ng		96
26) 2-Nitrophenol	9.95	139	116216	45.807	ng		92
27) 2,4-Dimethylphenol	10.02	122	217738	48.339	ng		94
28) bis(2-Chloroethoxy)methane	10.25	93	315344	38.202	ng		99
29) 2,4-Dichlorophenol	10.49	162	247235	46.993	ng		93
30) 1,2,4-Trichlorobenzene	10.71	180	273760	43.517	ng		97
31) Naphthalene	10.90	128	753964	43.766	ng		99
32) Benzoic acid	10.15	122	108941	34.461	ng		97
33) 4-Chloroaniline	11.00	127	161221	20.772	ng		93
34) Hexachlorobutadiene	11.19	225	182838	44.196	ng		96
35) Caprolactam	11.76	113	86836m	43.593	ng		
36) 4-Chloro-3-methylphenol	12.12	107	275873	43.966	ng		95
37) 2-Methylnaphthalene	12.50	142	564914	43.837	ng		97
38) 1-Methylnaphthalene	12.72	142	530832	43.816	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	298062	41.518	ng		98

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
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	12.86	237	368648	93.960	ng		99
43) 2,4,6-Trichlorophenol	13.11	196	215069	45.140	ng		98
44) 2,4,5-Trichlorophenol	13.18	196	226419	45.824	ng		97
46) 1,1'-Biphenyl	13.51	154	707050	40.588	ng		97
47) 2-Chloronaphthalene	13.55	162	551409	41.436	ng		97
48) 2-Nitroaniline	13.74	65	164420	35.291	ng		93
49) Acenaphthylene	14.40	152	900533	43.195	ng		100
50) Dimethylphthalate	14.13	163	724652	41.738	ng		99
51) 2,6-Dinitrotoluene	14.24	165	164699	47.062	ng		95
52) Acenaphthene	14.74	154	591261	43.304	ng		99
53) 3-Nitroaniline	14.57	138	121040	30.083	ng		96
54) 2,4-Dinitrophenol	14.77	184	95377	55.051	ng		91
55) Dibenzofuran	15.07	168	887349	44.816	ng		100
56) 4-Nitrophenol	14.88	139	277783	90.462	ng		93
57) 2,4-Dinitrotoluene	15.03	165	236886	49.354	ng		94
58) Fluorene	15.72	166	730921	44.876	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.30	232	223791	49.195	ng		97
60) Diethylphthalate	15.49	149	753872	41.631	ng		100
61) 4-Chlorophenyl-phenylether	15.71	204	400676	45.687	ng		99
62) 4-Nitroaniline	15.73	138	184149	42.921	ng		99
63) Azobenzene	16.01	77	756225	40.214	ng		96
65) 4,6-Dinitro-2-methylphenol	15.79	198	100337	42.052	ng		90
66) n-Nitrosodiphenylamine	15.93	169	657949	41.931	ng		98
67) 4-Bromophenyl-phenylether	16.61	248	277968	42.662	ng		98
68) Hexachlorobenzene	16.73	284	301120	42.599	ng		99
69) Atrazine	16.87	200	272052	47.323	ng		99
70) Pentachlorophenol	17.07	266	345775	88.905	ng		98
71) Phenanthrene	17.46	178	1217303	43.707	ng		100
72) Anthracene	17.56	178	1242422	45.240	ng		100
73) Carbazole	17.82	167	1179753	44.721	ng		99
74) Di-n-butylphthalate	18.38	149	1366817	42.623	ng		99
75) Fluoranthene	19.47	202	1573093	47.437	ng		99
77) Benzidine	19.64	184	571747	33.165	ng		99
78) Pyrene	19.83	202	1551380	39.819	ng		99
80) Butylbenzylphthalate	20.72	149	610336	35.213	ng		97
81) Benzo(a)anthracene	21.67	228	1534970	40.142	ng		99
82) 3,3'-Dichlorobenzidine	21.58	252	396510	26.803	ng		100
83) Chrysene	21.74	228	1487369	40.720	ng		99
84) Bis(2-ethylhexyl)phthalate	21.59	149	873241	36.505	ng		96
85) Di-n-octyl phthalate	22.80	149	1490180	37.227	ng	#	93
86) Indeno(1,2,3-cd)pyrene	28.55	276	1992528	41.609	ng	#	96
88) Benzo(b)fluoranthene	23.89	252	1692880	43.202	ng		99
89) Benzo(k)fluoranthene	23.95	252	1607103	43.339	ng		100
90) Benzo(a)pyrene	24.75	252	1557991	42.492	ng		97
91) Dibenzo(a,h)anthracene	28.61	278	1603559	44.330	ng		98
92) Benzo(g,h,i)perylene	29.69	276	1638091	44.822	ng		97

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

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