Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042120\
Data File : BG045109.D
Acq On : 21 Apr 2020 13:18
Operator : CG/JU
Sample : PB128352BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB128352BS

Manual Integrations APPROVED
mohammad
4/24/2020 4:18:43 AM

Quant Time: Apr 21 14:27:58 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 21 14:13:24 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	55544	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	243929	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	200193	20.00	ng		0.00
64) Phenanthrene-d10	17.40	188	481129	20.00	ng		0.00
76) Chrysene-d12	21.66	240	435852	20.00	ng		0.00
87) Perylene-d12	24.85	264	487591	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	512371	152.29	ng		0.00
7) Phenol-d6	7.19	99	759801	152.00	ng		0.00
23) Nitrobenzene-d5	9.18	82	471131	88.13	ng		0.00
42) 2,4,6-Tribromophenol	16.15	330	420549	135.98	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	1176880	86.20	ng		0.00
79) Terphenyl-d14	20.01	244	2005344	100.28	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.48	88	54369	36.363	ng		94
3) Pyridine	3.88	79	165771	36.009	ng		99
4) n-Nitrosodimethylamine	3.79	42	66527	47.173	ng		96
6) Aniline	7.34	93	232489	35.772	ng		99
8) 2-Chlorophenol	7.58	128	200834	55.544	ng		99
9) Benzaldehyde	7.15	77	92222	30.266	ng		97
10) Phenol	7.21	94	282484	56.474	ng		99
11) bis(2-Chloroethyl)ether	7.44	93	178314	44.774	ng		95
12) 1,3-Dichlorobenzene	7.91	146	198668	46.628	ng		96
13) 1,4-Dichlorobenzene	8.05	146	196381	46.256	ng		95
14) 1,2-Dichlorobenzene	8.38	146	189594	46.679	ng		96
15) Benzyl Alcohol	8.25	79	215614	51.448	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.55	45	165811	42.414	ng		94
17) 2-Methylphenol	8.46	107	192820	49.962	ng		96
18) Hexachloroethane	9.11	117	74201	46.491	ng		98
19) n-Nitroso-di-n-propylamine	8.83	70	171323	48.464	ng		99
20) 3+4-Methylphenols	8.79	107	273508	50.632	ng		96
22) Acetophenone	8.84	105	310332	47.045	ng	#	97
24) Nitrobenzene	9.22	77	253057	46.180	ng		99
25) Isophorone	9.75	82	503213	45.965	ng		97
26) 2-Nitrophenol	9.93	139	120246	50.943	ng		96
27) 2,4-Dimethylphenol	10.00	122	205069	54.754	ng		96
28) bis(2-Chloroethoxy)methane	10.23	93	277506	48.244	ng		98
29) 2,4-Dichlorophenol	10.48	162	235342	54.419	ng		97
30) 1,2,4-Trichlorobenzene	10.69	180	227370	46.436	ng		94
31) Naphthalene	10.88	128	635546	47.628	ng		99
32) Benzoic acid	10.16	122	123430	41.752	ng		97
33) 4-Chloroaniline	10.98	127	96450	15.498	ng		97
34) Hexachlorobutadiene	11.17	225	151397	45.098	ng		96
35) Caprolactam	11.75	113	88691m	51.529	ng		
36) 4-Chloro-3-methylphenol	12.11	107	275724	54.273	ng		98
37) 2-Methylnaphthalene	12.48	142	503289	48.592	ng		97
38) 1-Methylnaphthalene	12.70	142	487710	49.879	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	280518	43.520	ng		98

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Sample : PB128352BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
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Quant Time: Apr 21 14:27:58 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 21 14:13:24 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	409973	101.764	ng		98
43) 2,4,6-Trichlorophenol	13.09	196	218010	47.923	ng		92
44) 2,4,5-Trichlorophenol	13.16	196	230892	44.590	ng		99
46) 1,1'-Biphenyl	13.49	154	660623	43.416	ng		99
47) 2-Chloronaphthalene	13.53	162	515327	44.323	ng		99
48) 2-Nitroaniline	13.73	65	176086	46.031	ng		97
49) Acenaphthylene	14.38	152	875561	46.233	ng		99
50) Dimethylphthalate	14.11	163	744873	45.696	ng		99
51) 2,6-Dinitrotoluene	14.22	165	171234	46.965	ng		98
52) Acenaphthene	14.72	154	672838m	52.510	ng		
53) 3-Nitroaniline	14.55	138	80399	20.106	ng	#	97
54) 2,4-Dinitrophenol	14.76	184	225347	103.942	ng		97
55) Dibenzofuran	15.06	168	851081	45.559	ng		99
56) 4-Nitrophenol	14.88	139	276741	89.257	ng		96
57) 2,4-Dinitrotoluene	15.01	165	242208	45.458	ng		95
58) Fluorene	15.70	166	714743	46.841	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.28	232	231883	50.329	ng		99
60) Diethylphthalate	15.47	149	773784	45.530	ng		100
61) 4-Chlorophenyl-phenylether	15.70	204	395815	45.067	ng		98
62) 4-Nitroaniline	15.72	138	172846	41.674	ng		95
63) Azobenzene	15.99	77	729278	46.543	ng		99
65) 4,6-Dinitro-2-methylphenol	15.78	198	158872	50.236	ng		95
66) n-Nitrosodiphenylamine	15.91	169	651034	47.095	ng		99
67) 4-Bromophenyl-phenylether	16.59	248	282038	45.439	ng		99
68) Hexachlorobenzene	16.71	284	304634	47.323	ng		97
69) Atrazine	16.86	200	272837	55.195	ng		98
70) Pentachlorophenol	17.06	266	343345	86.943	ng		98
71) Phenanthrene	17.45	178	1167589	47.225	ng		100
72) Anthracene	17.53	178	1203930	48.544	ng		99
73) Carbazole	17.80	167	1090462	43.328	ng		98
74) Di-n-butylphthalate	18.36	149	1294836	47.616	ng		99
75) Fluoranthene	19.45	202	1415640	49.304	ng		99
77) Benzidine	19.63	184	608571	48.697	ng		98
78) Pyrene	19.81	202	1396462	46.475	ng		99
80) Butylbenzylphthalate	20.70	149	573172	46.019	ng		99
81) Benzo(a)anthracene	21.65	228	1341443	47.486	ng		99
82) 3,3'-Dichlorobenzidine	21.56	252	294006	26.148	ng		99
83) Chrysene	21.71	228	1287877	47.449	ng		99
84) Bis(2-ethylhexyl)phthalate	21.56	149	799498	46.672	ng		99
85) Di-n-octyl phthalate	22.77	149	1355029	45.743	ng		100
86) Indeno(1,2,3-cd)pyrene	28.48	276	1731143	48.038	ng		99
88) Benzo(b)fluoranthene	23.85	252	1477173	48.365	ng		99
89) Benzo(k)fluoranthene	23.92	252	1379040	47.478	ng		99
90) Benzo(a)pyrene	24.71	252	1340139	46.473	ng		99
91) Dibenzo(a,h)anthracene	28.55	278	1399556	48.165	ng		98
92) Benzo(g,h,i)perylene	29.62	276	1403958	48.194	ng		96

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

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