Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040721\
Data File : BG048617.D
Acq On : 7 Apr 2021 14:35
Operator : CG/JU
Sample : PB135593BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB135593BS

Manual Integrations APPROVED
mohammad
4/8/2021 1:35:30 PM

Quant Time: Apr 07 15:27:23 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 07 10:06:00 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.087	152	24578	20.00	ng		-0.01
21) Naphthalene-d8	10.913	136	99709	20.00	ng		#-0.01
39) Acenaphthene-d10	14.744	164	68596	20.00	ng		0.00
64) Phenanthrene-d10	17.500	188	164913	20.00	ng		0.00
76) Chrysene-d12	21.801	240	173958	20.00	ng		# 0.00
86) Perylene-d12	25.138	264	175178	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.637	112	191518	137.57	ng		0.00
7) Phenol-d6	7.247	99	241162	119.45	ng		0.00
23) Nitrobenzene-d5	9.262	82	169393	82.25	ng		0.00
42) 2,4,6-Tribromophenol	16.237	330	121215	134.43	ng		0.00
45) 2-Fluorobiphenyl	13.363	172	393262	85.21	ng		0.00
79) Terphenyl-d14	20.109	244	802832	84.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.499	88	18165	32.43	ng		98
3) Pyridine	3.904	79	50127	35.70	ng		95
4) n-Nitrosodimethylamine	3.816	42	43261	47.15	ng		95
6) Aniline	7.406	93	75929	32.74	ng		97
8) 2-Chlorophenol	7.653	128	76093	48.37	ng		93
9) Benzaldehyde	7.218	77	46388	35.94	ng		97
10) Phenol	7.271	94	87343	43.21	ng		93
11) bis(2-Chloroethyl)ether	7.500	93	60530	43.16	ng		96
12) 1,3-Dichlorobenzene	7.976	146	79640	44.94	ng		98
13) 1,4-Dichlorobenzene	8.123	146	80688	45.16	ng		96
14) 1,2-Dichlorobenzene	8.452	146	77335m	45.19	ng		
15) Benzyl Alcohol	8.328	79	71825	43.43	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.622	45	57955	42.84	ng		86
17) 2-Methylphenol	8.534	107	60468	46.23	ng		90
18) Hexachloroethane	9.186	117	30668	46.19	ng	#	82
19) n-Nitroso-di-n-propyla...	8.898	70	55704	40.03	ng		99
20) 3+4-Methylphenols	8.863	107	82428	45.41	ng		90
22) Acetophenone	8.916	105	109238	42.49	ng		98
24) Nitrobenzene	9.304	77	84301	41.71	ng		91
25) Isophorone	9.826	82	154579	40.64	ng		99
26) 2-Nitrophenol	10.020	139	41875	45.09	ng		98
27) 2,4-Dimethylphenol	10.073	122	73562	50.34	ng		92
28) bis(2-Chloroethoxy)met...	10.308	93	78441	45.00	ng		95
29) 2,4-Dichlorophenol	10.561	162	71617	43.28	ng		96
30) 1,2,4-Trichlorobenzene	10.778	180	84064	44.21	ng		93
31) Naphthalene	10.972	128	218236	42.57	ng		97
32) Benzoic acid	10.208	122	42598	37.89	ng		95
33) 4-Chloroaniline	11.072	127	50903	23.53	ng		98
34) Hexachlorobutadiene	11.248	225	61035	43.96	ng		87
35) Caprolactam	11.842	113	25351m	42.00	ng		
36) 4-Chloro-3-methylphenol	12.194	107	80186	43.16	ng		95
37) 2-Methylnaphthalene	12.570	142	168104	41.19	ng		95
38) 1-Methylnaphthalene	12.794	142	156104	40.11	ng		99
40) 1,2,4,5-Tetrachloroben...	12.940	216	97065	45.65	ng		97
41) Hexachlorocyclopentadiene	12.917	237	135596	110.08	ng		93
43) 2,4,6-Trichlorophenol	13.175	196	68087	46.58	ng		91

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.252	196	72231	46.19	ng		94
46) 1,1'-Biphenyl	13.575	154	225525	45.00	ng		95
47) 2-Chloronaphthalene	13.622	162	169376	44.36	ng		98
48) 2-Nitroaniline	13.822	65	57881	47.68	ng		94
49) Acenaphthylene	14.468	152	281049	46.95	ng		96
50) Dimethylphthalate	14.192	163	236315	46.41	ng		99
51) 2,6-Dinitrotoluene	14.315	165	52356	44.95	ng		92
52) Acenaphthene	14.809	154	174294	40.25	ng		98
53) 3-Nitroaniline	14.644	138	37953	33.23	ng		83
54) 2,4-Dinitrophenol	14.850	184	67932	103.72	ng		92
55) Dibenzofuran	15.144	168	270191	42.73	ng		98
56) 4-Nitrophenol	14.956	139	90266	97.90	ng		91
57) 2,4-Dinitrotoluene	15.103	165	77686	47.15	ng		97
58) Fluorene	15.796	166	231915	43.81	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.367	232	69875	45.80	ng		98
60) Diethylphthalate	15.555	149	243852	46.61	ng		99
61) 4-Chlorophenyl-phenyle...	15.784	204	125457	44.05	ng		98
62) 4-Nitroaniline	15.814	138	55400	46.37	ng		95
63) Azobenzene	16.078	77	211101	41.02	ng		99
65) 4,6-Dinitro-2-methylph...	15.866	198	50872	51.34	ng		92
66) n-Nitrosodiphenylamine	15.996	169	212068	45.20	ng		99
67) 4-Bromophenyl-phenylether	16.683	248	85557	46.80	ng		91
68) Hexachlorobenzene	16.801	284	88711	46.47	ng		96
69) Atrazine	16.948	200	98215	51.33	ng		93
70) Pentachlorophenol	17.147	266	117532	99.06	ng		92
71) Phenanthrene	17.541	178	400394	46.77	ng		99
72) Anthracene	17.635	178	404294	47.39	ng		98
73) Carbazole	17.899	167	370789	45.83	ng		96
74) Di-n-butylphthalate	18.452	149	453560	50.18	ng		98
75) Fluoranthene	19.550	202	520735	49.06	ng		96
77) Benzidine	19.727	184	232563	39.48	ng		98
78) Pyrene	19.915	202	515189	43.07	ng		98
80) Butylbenzylphthalate	20.796	149	207859	46.79	ng		94
81) Benzo(a)anthracene	21.777	228	538716	46.35	ng		98
82) 3,3'-Dichlorobenzidine	21.689	252	142651	35.73	ng		92
83) Chrysene	21.848	228	495552	44.68	ng		95
84) Bis(2-ethylhexyl)phtha...	21.671	149	305321	49.34	ng	#	97
85) Di-n-octyl phthalate	22.923	149	513925	47.64	ng		100
87) Indeno(1,2,3-cd)pyrene	28.986	276	564505	45.97	ng	#	75
88) Benzo(b)fluoranthene	24.074	252	542567	47.69	ng	#	95
89) Benzo(k)fluoranthene	24.145	252	503633	46.04	ng		99
90) Benzo(a)pyrene	24.985	252	469556	44.78	ng		98
91) Dibenzo(a,h)anthracene	29.057	278	478734	45.67	ng		99
92) Benzo(g,h,i)perylene	30.197	276	414628	40.39	ng		97

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

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