Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040521\
Data File : BG048581.D
Acq On : 5 Apr 2021 13:09
Operator : CG/JU
Sample : PB135503BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB135503BS

Manual Integrations APPROVED
mohammad
4/6/2021 3:22:09 PM

Quant Time: Apr 05 14:37:56 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 02 10:20:56 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.091	152	25104	20.00	ng		# 0.00
21) Naphthalene-d8	10.917	136	108381	20.00	ng		# 0.00
39) Acenaphthene-d10	14.748	164	78673	20.00	ng		0.00
64) Phenanthrene-d10	17.503	188	191558	20.00	ng		# 0.00
76) Chrysene-d12	21.798	240	174771	20.00	ng		# 0.00
86) Perylene-d12	25.135	264	180788	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.635	112	201628	141.80	ng		0.00
7) Phenol-d6	7.245	99	258508	125.36	ng		0.00
23) Nitrobenzene-d5	9.260	82	183287	81.88	ng		0.00
42) 2,4,6-Tribromophenol	16.240	330	130148	125.85	ng		0.00
45) 2-Fluorobiphenyl	13.367	172	431283	81.48	ng		0.00
79) Terphenyl-d14	20.112	244	848780	88.81	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.496	88	18423	32.20	ng	#	94
3) Pyridine	3.902	79	51642	36.01	ng		87
4) n-Nitrosodimethylamine	3.813	42	40872	43.62	ng		94
6) Aniline	7.409	93	95022	40.12	ng		94
8) 2-Chlorophenol	7.650	128	77959	48.52	ng		96
9) Benzaldehyde	7.221	77	52825	40.07	ng		97
10) Phenol	7.268	94	98807	47.86	ng		98
11) bis(2-Chloroethyl)ether	7.503	93	64583	45.08	ng		96
12) 1,3-Dichlorobenzene	7.979	146	79021	43.65	ng		95
13) 1,4-Dichlorobenzene	8.126	146	82010	44.93	ng		91
14) 1,2-Dichlorobenzene	8.449	146	79902	45.71	ng		95
15) Benzyl Alcohol	8.326	79	79672	47.16	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.620	45	63710	46.10	ng		95
17) 2-Methylphenol	8.531	107	66033	49.43	ng		92
18) Hexachloroethane	9.184	117	30457	44.91	ng	#	85
19) n-Nitroso-di-n-propyla...	8.896	70	61052	42.95	ng		94
20) 3+4-Methylphenols	8.860	107	89576	48.31	ng		88
22) Acetophenone	8.919	105	121840	43.60	ng		95
24) Nitrobenzene	9.301	77	94956	43.22	ng		94
25) Isophorone	9.830	82	172530	41.73	ng		98
26) 2-Nitrophenol	10.024	139	44322	43.91	ng		96
27) 2,4-Dimethylphenol	10.077	122	80573	50.73	ng		97
28) bis(2-Chloroethoxy)met...	10.312	93	87358	46.10	ng	#	88
29) 2,4-Dichlorophenol	10.558	162	80899	44.98	ng		97
30) 1,2,4-Trichlorobenzene	10.782	180	91605	44.33	ng		91
31) Naphthalene	10.970	128	237888	42.69	ng		99
32) Benzoic acid	10.206	122	52047	42.60	ng		99
33) 4-Chloroaniline	11.075	127	47645	20.26	ng		95
34) Hexachlorobutadiene	11.252	225	62349	41.31	ng		91
35) Caprolactam	11.845	113	29798m	45.41	ng		
36) 4-Chloro-3-methylphenol	12.192	107	91823	45.46	ng		97
37) 2-Methylnaphthalene	12.574	142	192194	43.32	ng		98
38) 1-Methylnaphthalene	12.791	142	168909	39.92	ng		98
40) 1,2,4,5-Tetrachloroben...	12.938	216	107443	44.05	ng		99
41) Hexachlorocyclopentadiene	12.920	237	160639	113.70	ng		97
43) 2,4,6-Trichlorophenol	13.173	196	76581	45.68	ng		92

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.249	196	81574	45.49	ng		95
46) 1,1'-Biphenyl	13.578	154	253605	44.12	ng		99
47) 2-Chloronaphthalene	13.625	162	188360	43.01	ng		100
48) 2-Nitroaniline	13.819	65	65048	46.72	ng		96
49) Acenaphthylene	14.472	152	318227	46.35	ng		97
50) Dimethylphthalate	14.189	163	261618	44.80	ng	#	97
51) 2,6-Dinitrotoluene	14.313	165	59792	44.76	ng		97
52) Acenaphthene	14.812	154	198872	40.05	ng		99
53) 3-Nitroaniline	14.642	138	36000	27.48	ng		88
54) 2,4-Dinitrophenol	14.848	184	75680	100.75	ng		96
55) Dibenzofuran	15.147	168	302529	41.71	ng		97
56) 4-Nitrophenol	14.953	139	103924	98.28	ng	#	84
57) 2,4-Dinitrotoluene	15.100	165	85326	45.15	ng	#	92
58) Fluorene	15.794	166	263216	43.36	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.365	232	79719m	45.56	ng		
60) Diethylphthalate	15.558	149	273778	45.63	ng		94
61) 4-Chlorophenyl-phenyle...	15.782	204	144287	44.17	ng	#	92
62) 4-Nitroaniline	15.811	138	61962	45.22	ng		95
63) Azobenzene	16.076	77	249704	42.30	ng		97
65) 4,6-Dinitro-2-methylph...	15.864	198	51187	44.47	ng		97
66) n-Nitrosodiphenylamine	15.999	169	237252	43.53	ng		99
67) 4-Bromophenyl-phenylether	16.681	248	95768	45.10	ng		93
68) Hexachlorobenzene	16.798	284	99485	44.87	ng		100
69) Atrazine	16.945	200	108441	48.79	ng		93
70) Pentachlorophenol	17.145	266	135075	98.01	ng		94
71) Phenanthrene	17.544	178	452549	45.51	ng		97
72) Anthracene	17.633	178	455304	45.95	ng		97
73) Carbazole	17.903	167	416842	44.36	ng		97
74) Di-n-butylphthalate	18.455	149	510103	48.59	ng		99
75) Fluoranthene	19.554	202	566960	45.99	ng		97
77) Benzidine	19.730	184	272109	45.98	ng		99
78) Pyrene	19.918	202	561703	46.74	ng		98
80) Butylbenzylphthalate	20.794	149	223202	50.01	ng		93
81) Benzo(a)anthracene	21.781	228	549943	47.10	ng		99
82) 3,3'-Dichlorobenzidine	21.687	252	129603	32.31	ng		96
83) Chrysene	21.845	228	508014	45.59	ng		96
84) Bis(2-ethylhexyl)phtha...	21.675	149	309589	49.80	ng		97
85) Di-n-octyl phthalate	22.932	149	528676	48.78	ng	#	99
87) Indeno(1,2,3-cd)pyrene	28.978	276	597022	47.11	ng	#	95
88) Benzo(b)fluoranthene	24.078	252	546236m	46.52	ng		
89) Benzo(k)fluoranthene	24.148	252	508334	45.03	ng		98
90) Benzo(a)pyrene	24.983	252	476721	44.05	ng		97
91) Dibenzo(a,h)anthracene	29.054	278	500145	46.23	ng		99
92) Benzo(g,h,i)perylene	30.188	276	490791	46.33	ng		94

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

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