

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011623\
 Data File : BG056297.D
 Acq On : 16 Jan 2023 15:22
 Operator : CG/JU
 Sample : PB150244BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB150244BS

Manual Integrations

APPROVED

Reviewed By :Christian

Giraldo

01/17/2023

Supervised By :Jagrit

Upadhyay

01/17/2023

Quant Time: Jan 17 05:25:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 12 03:38:40 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.317	152	47328	20.000	ng	0.00
21) Naphthalene-d8	11.149	136	185120	20.000	ng	0.00
39) Acenaphthene-d10	14.933	164	152684	20.000	ng	0.00
64) Phenanthrene-d10	17.671	188	388962	20.000	ng	0.00
76) Chrysene-d12	21.966	240	360628	20.000	ng	# 0.00
86) Perylene-d12	25.415	264	386297	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.832	112	408651	154.168	ng	0.00
7) Phenol-d6	7.453	99	560209	137.620	ng	0.00
23) Nitrobenzene-d5	9.492	82	301932	83.429	ng	0.00
42) 2,4,6-Tribromophenol	16.413	330	262125	135.555	ng	0.00
45) 2-Fluorobiphenyl	13.558	172	967621	87.513	ng	0.00
79) Terphenyl-d14	20.244	244	1859709	92.362	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.646	88	39726	32.812	ng	# 92
3) Pyridine	4.063	79	108983	29.554	ng	# 92
4) n-Nitrosodimethylamine	3.975	42	28436	37.908	ng	83
6) Aniline	7.629	93	176572	33.077	ng	97
8) 2-Chlorophenol	7.876	128	135644	51.425	ng	97
9) Benzaldehyde	7.441	77	67885	28.047	ng	98
10) Phenol	7.483	94	193805	46.946	ng	96
11) bis(2-Chloroethyl)ether	7.718	93	124683	44.568	ng	95
12) 1,3-Dichlorobenzene	8.205	146	151834	47.297	ng	97
13) 1,4-Dichlorobenzene	8.352	146	154621	47.964	ng	94
14) 1,2-Dichlorobenzene	8.675	146	150717	48.454	ng	100
15) Benzyl Alcohol	8.546	79	128046	43.220	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.834	45	26741m	54.090	ng	
17) 2-Methylphenol	8.752	107	136462	45.049	ng	96
18) Hexachloroethane	9.416	117	45723	46.689	ng	95
19) n-Nitroso-di-n-propyla...	9.122	70	98887	39.949	ng	97
20) 3+4-Methylphenols	9.075	107	185301	43.509	ng	98
22) Acetophenone	9.145	105	219352	41.907	ng	98
24) Nitrobenzene	9.533	77	147752	41.197	ng	100
25) Isophorone	10.056	82	297382	39.054	ng	98
26) 2-Nitrophenol	10.250	139	83599	45.557	ng	98
27) 2,4-Dimethylphenol	10.291	122	150684	45.021	ng	96
28) bis(2-Chloroethoxy)met...	10.532	93	173166	43.755	ng	98
29) 2,4-Dichlorophenol	10.785	162	171601	46.376	ng	98
30) 1,2,4-Trichlorobenzene	11.008	180	188317	44.848	ng	97
31) Naphthalene	11.202	128	428596	43.992	ng	99
32) Benzoic acid	10.426	122	99072	39.895	ng	97
33) 4-Chloroaniline	11.296	127	104216	22.405	ng	97
34) Hexachlorobutadiene	11.478	225	132479	43.867	ng	97
35) Caprolactam	12.065	113	51777m	41.330	ng	
36) 4-Chloro-3-methylphenol	12.394	107	167616	44.642	ng	98
37) 2-Methylnaphthalene	12.782	142	340526	41.395	ng	100
38) 1-Methylnaphthalene	13.000	142	311757	40.811	ng	100
40) 1,2,4,5-Tetrachloroben...	13.147	216	256161	44.763	ng	99
41) Hexachlorocyclopentadiene	13.117	237	321841	98.646	ng	96
43) 2,4,6-Trichlorophenol	13.376	196	172717	45.644	ng	99

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44) 2,4,5-Trichlorophenol	13.446	196	188774	42.173	ng	96
46) 1,1'-Biphenyl	13.769	154	489851	44.798	ng	98
47) 2-Chloronaphthalene	13.822	162	390930	45.294	ng	97
48) 2-Nitroaniline	14.010	65	80762	43.918	ng	96
49) Acenaphthylene	14.657	152	606580	43.187	ng	99
50) Dimethylphthalate	14.369	163	528212	42.855	ng	98
51) 2,6-Dinitrotoluene	14.498	165	114354	43.541	ng	94
52) Acenaphthene	14.997	154	451893m	49.469	ng	
53) 3-Nitroaniline	14.827	138	77013	30.811	ng	95
54) 2,4-Dinitrophenol	15.033	184	167047	89.033	ng	95
55) Dibenzofuran	15.326	168	649974	42.997	ng	96
56) 4-Nitrophenol	15.121	139	173607	90.309	ng	94
57) 2,4-Dinitrotoluene	15.279	165	162240	44.171	ng	94
58) Fluorene	15.973	166	519040	42.689	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.544	232	186183	44.299	ng	96
60) Diethylphthalate	15.720	149	492311	42.591	ng	98
61) 4-Chlorophenyl-phenyle...	15.955	204	326561	43.038	ng	99
62) 4-Nitroaniline	15.990	138	105954	41.382	ng	96
63) Azobenzene	16.249	77	377397	42.309	ng	97
65) 4,6-Dinitro-2-methylph...	16.043	198	111425	42.519	ng	96
66) n-Nitrosodiphenylamine	16.167	169	482371	44.697	ng	97
67) 4-Bromophenyl-phenylether	16.848	248	220740	44.567	ng	99
68) Hexachlorobenzene	16.971	284	218407	47.263	ng	97
69) Atrazine	17.101	200	238282	53.276	ng	98
70) Pentachlorophenol	17.312	266	289947	81.681	ng	97
71) Phenanthrene	17.712	178	894893	44.396	ng	98
72) Anthracene	17.806	178	909653	43.747	ng	99
73) Carbazole	18.064	167	781927	44.737	ng	99
74) Di-n-butylphthalate	18.593	149	797561	45.775	ng	99
75) Fluoranthene	19.704	202	1126557	42.846	ng	99
77) Benzidine	19.868	184	347290	27.480	ng	97
78) Pyrene	20.062	202	1135243	44.662	ng	99
80) Butylbenzylphthalate	20.920	149	341778	46.868	ng	99
81) Benzo(a)anthracene	21.942	228	1133953	44.768	ng	99
82) 3,3'-Dichlorobenzidine	21.842	252	303471	33.282	ng	96
83) Chrysene	22.013	228	1051594	44.322	ng	98
84) Bis(2-ethylhexyl)phtha...	21.807	149	488334	46.481	ng	98
85) Di-n-octyl phthalate	23.094	149	841548	47.448	ng	100
87) Indeno(1,2,3-cd)pyrene	29.386	276	1329246	47.314	ng	# 97
88) Benzo(b)fluoranthene	24.316	252	1215817	49.536	ng	99
89) Benzo(k)fluoranthene	24.386	252	1136526	46.501	ng	100
90) Benzo(a)pyrene	25.256	252	1052202	43.954	ng	100
91) Dibenzo(a,h)anthracene	29.451	278	1122004	47.635	ng	99
92) Benzo(g,h,i)perylene	30.638	276	1084433	47.477	ng	98

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

