

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101220\
 Data File : BG046844.D
 Acq On : 12 Oct 2020 11:57
 Operator : CG/JU
 Sample : PB132277BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB132277BSD

Manual Integrations
 APPROVED

mohammad
 10/13/2020 2:59:39 PM

Quant Time: Oct 12 12:43:20 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 07 11:38:17 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.109	152	76421	20.00	ng	0.00
21) Naphthalene-d8	10.918	136	305165	20.00	ng	0.00
39) Acenaphthene-d10	14.731	164	218339	20.00	ng	0.00
64) Phenanthrene-d10	17.475	188	504527	20.00	ng	# 0.00
76) Chrysene-d12	21.746	240	498178	20.00	ng	#-0.01
86) Perylene-d12	25.007	264	437147	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.671	112	509986	106.91	ng	0.00
7) Phenol-d6	7.263	99	672859	100.00	ng	0.00
23) Nitrobenzene-d5	9.267	82	463344	80.78	ng	0.00
42) 2,4,6-Tribromophenol	16.212	330	330982	114.97	ng	0.00
45) 2-Fluorobiphenyl	13.356	172	1080295	70.05	ng	0.00
79) Terphenyl-d14	20.072	244	1699515	68.37	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.568	88	89212	40.08	ng	# 95
3) Pyridine	3.961	79	125067	19.86	ng	96
4) n-Nitrosodimethylamine	3.873	42	105993	32.17	ng	# 75
6) Aniline	7.428	93	278409	34.24	ng	95
8) 2-Chlorophenol	7.669	128	207621	43.68	ng	92
9) Benzaldehyde	7.240	77	150458	40.65	ng	87
10) Phenol	7.287	94	275711	41.16	ng	81
11) bis(2-Chloroethyl)ether	7.522	93	195643	37.79	ng	91
12) 1,3-Dichlorobenzene	7.998	146	219531	35.76	ng	# 91
13) 1,4-Dichlorobenzene	8.145	146	221716	36.45	ng	96
14) 1,2-Dichlorobenzene	8.462	146	216730	38.20	ng	99
15) Benzyl Alcohol	8.339	79	220950	39.94	ng	91
16) 2,2'-oxybis(1-Chloropr...	8.626	45	290720	32.00	ng	98
17) 2-Methylphenol	8.544	107	183645	42.70	ng	# 91
18) Hexachloroethane	9.196	117	79861	34.80	ng	100
19) n-Nitroso-di-n-propyla...	8.908	70	170900	37.04	ng	95
20) 3+4-Methylphenols	8.867	107	252157	43.02	ng	91
22) Acetophenone	8.926	105	336554	37.97	ng	94
24) Nitrobenzene	9.314	77	256100	40.90	ng	88
25) Isophorone	9.831	82	471535	37.66	ng	95
26) 2-Nitrophenol	10.025	139	116560	51.49	ng	# 83
27) 2,4-Dimethylphenol	10.078	122	196134	43.35	ng	92
28) bis(2-Chloroethoxy)met...	10.313	93	270953	35.08	ng	# 97
29) 2,4-Dichlorophenol	10.559	162	232263	42.67	ng	98
30) 1,2,4-Trichlorobenzene	10.777	180	242312	37.30	ng	96
31) Naphthalene	10.971	128	622615	37.61	ng	99
32) Benzoic acid	10.207	122	136000	43.73	ng	87
33) 4-Chloroaniline	11.065	127	207966	28.36	ng	# 90
34) Hexachlorobutadiene	11.253	225	175646	36.88	ng	99
35) Caprolactam	11.840	113	74676m	40.51	ng	
36) 4-Chloro-3-methylphenol	12.181	107	239175	40.87	ng	88
37) 2-Methylnaphthalene	12.563	142	484895	39.51	ng	# 95
38) 1-Methylnaphthalene	12.786	142	452906	39.76	ng	98
40) 1,2,4,5-Tetrachloroben...	12.927	216	306246	39.02	ng	# 96
41) Hexachlorocyclopentadiene	12.910	237	370347	81.12	ng	99
43) 2,4,6-Trichlorophenol	13.162	196	207924	42.12	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	13.233	196	219973	44.28	ng	#	96
46) 1,1'-Biphenyl	13.568	154	652556	38.87	ng		96
47) 2-Chloronaphthalene	13.609	162	493535	36.18	ng		96
48) 2-Nitroaniline	13.803	65	169490	46.81	ng		85
49) Acenaphthylene	14.455	152	768105	38.26	ng		98
50) Dimethylphthalate	14.179	163	666690	38.23	ng		99
51) 2,6-Dinitrotoluene	14.296	165	146955	51.85	ng	#	75
52) Acenaphthene	14.796	154	593342m	43.52	ng		
53) 3-Nitroaniline	14.625	138	114134	35.63	ng	#	75
54) 2,4-Dinitrophenol	14.831	184	185797	120.03	ng	#	75
55) Dibenzofuran	15.125	168	782785	38.03	ng		96
56) 4-Nitrophenol	14.925	139	247240	93.73	ng	#	70
57) 2,4-Dinitrotoluene	15.078	165	208166	55.46	ng	#	80
58) Fluorene	15.777	166	629295	38.18	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.348	232	218629	44.03	ng	#	95
60) Diethylphthalate	15.542	149	651769	37.17	ng		98
61) 4-Chlorophenyl-phenyle...	15.765	204	371092	39.44	ng		98
62) 4-Nitroaniline	15.789	138	144060	40.51	ng	#	62
63) Azobenzene	16.059	77	604577	35.08	ng		92
65) 4,6-Dinitro-2-methylph...	15.841	198	129760	61.96	ng		88
66) n-Nitrosodiphenylamine	15.977	169	581493	38.36	ng		97
67) 4-Bromophenyl-phenylether	16.658	248	251731	39.49	ng		96
68) Hexachlorobenzene	16.776	284	258539	37.69	ng		93
69) Atrazine	16.923	200	212655	34.92	ng		96
70) Pentachlorophenol	17.116	266	356789	90.11	ng		91
71) Phenanthrene	17.516	178	1031244	37.65	ng		98
72) Anthracene	17.604	178	1045774	38.69	ng		98
73) Carbazole	17.869	167	913177	37.13	ng		98
74) Di-n-butylphthalate	18.427	149	1081995	35.79	ng	#	97
75) Fluoranthene	19.520	202	1293430	37.08	ng		97
77) Benzidine	19.690	184	463544	30.19	ng		99
78) Pyrene	19.878	202	1278478	39.92	ng		99
80) Butylbenzylphthalate	20.759	149	465752	37.64	ng		88
81) Benzo(a)anthracene	21.723	228	1275415	38.35	ng		98
82) 3,3'-Dichlorobenzidine	21.635	252	463158	35.88	ng		96
83) Chrysene	21.793	228	1212527	38.15	ng		99
84) Bis(2-ethylhexyl)phtha...	21.629	149	674685	37.12	ng		98
85) Di-n-octyl phthalate	22.857	149	1146438	36.68	ng	#	95
87) Indeno(1,2,3-cd)pyrene	28.738	276	1434798	44.36	ng	#	89
88) Benzo(b)fluoranthene	23.973	252	1286377	44.90	ng	#	98
89) Benzo(k)fluoranthene	24.044	252	1240435	45.04	ng	#	96
90) Benzo(a)pyrene	24.860	252	1168067	43.33	ng	#	98
91) Dibenzo(a,h)anthracene	28.815	278	1188749	44.93	ng	#	95
92) Benzo(g,h,i)perylene	29.919	276	1197037	46.27	ng	#	93

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

