

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032221\
 Data File : BG048442.D
 Acq On : 22 Mar 2021 13:00
 Operator : CG/JU
 Sample : PB135247BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB135247BS

Manual Integrations
 APPROVED

mohammad
 3/23/2021 11:20:06 AM

Quant Time: Mar 22 13:43:17 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 22 11:22:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.103	152	43176	20.00	ng	# 0.00
21) Naphthalene-d8	10.929	136	182341	20.00	ng	# 0.00
39) Acenaphthene-d10	14.748	164	144571	20.00	ng	0.00
64) Phenanthrene-d10	17.498	188	364834	20.00	ng	# 0.00
76) Chrysene-d12	21.793	240	374673	20.00	ng	# 0.00
86) Perylene-d12	25.124	264	362834	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.647	112	340637	130.47	ng	0.00
7) Phenol-d6	7.251	99	481659	126.78	ng	0.00
23) Nitrobenzene-d5	9.272	82	293741	64.41	ng	0.00
42) 2,4,6-Tribromophenol	16.235	330	265187	112.79	ng	0.00
45) 2-Fluorobiphenyl	13.367	172	661004	65.77	ng	0.00
79) Terphenyl-d14	20.107	244	1214208	58.44	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.514	88	34274	31.11	ng	# 90
3) Pyridine	3.920	79	104633	34.07	ng	90
4) n-Nitrosodimethylamine	3.832	42	72144	40.43	ng	# 76
6) Aniline	7.421	93	171471	38.16	ng	# 90
8) 2-Chlorophenol	7.668	128	129949	47.73	ng	95
9) Benzaldehyde	7.233	77	47012	17.33	ng	# 74
10) Phenol	7.280	94	187515	48.17	ng	# 71
11) bis(2-Chloroethyl)ether	7.516	93	122479	44.90	ng	100
12) 1,3-Dichlorobenzene	7.991	146	137687	42.51	ng	# 88
13) 1,4-Dichlorobenzene	8.138	146	139973m	43.54	ng	
14) 1,2-Dichlorobenzene	8.461	146	135143	43.81	ng	96
15) Benzyl Alcohol	8.338	79	152096	45.09	ng	# 84
16) 2,2'-oxybis(1-Chloropr...	8.632	45	134039	42.97	ng	83
17) 2-Methylphenol	8.538	107	122328	49.56	ng	# 85
18) Hexachloroethane	9.202	117	53644	43.37	ng	98
19) n-Nitroso-di-n-propyla...	8.908	70	126767	44.95	ng	# 97
20) 3+4-Methylphenols	8.867	107	171208	50.63	ng	89
22) Acetophenone	8.926	105	210723	41.09	ng	# 91
24) Nitrobenzene	9.313	77	186329	38.14	ng	# 82
25) Isophorone	9.842	82	339974	38.95	ng	# 91
26) 2-Nitrophenol	10.030	139	76072	40.97	ng	# 65
27) 2,4-Dimethylphenol	10.083	122	135560	46.78	ng	# 83
28) bis(2-Chloroethoxy)met...	10.324	93	174017	43.98	ng	98
29) 2,4-Dichlorophenol	10.565	162	148519	44.17	ng	94
30) 1,2,4-Trichlorobenzene	10.788	180	157999	38.87	ng	98
31) Naphthalene	10.976	128	404618	40.02	ng	97
32) Benzoic acid	10.206	122	103503	45.90	ng	# 78
33) 4-Chloroaniline	11.082	127	95394	22.07	ng	# 89
34) Hexachlorobutadiene	11.258	225	117516	36.48	ng	98
35) Caprolactam	11.846	113	52971m	44.13	ng	
36) 4-Chloro-3-methylphenol	12.192	107	169353	43.39	ng	88
37) 2-Methylnaphthalene	12.580	142	318840	41.32	ng	# 91
38) 1-Methylnaphthalene	12.798	142	299237	41.23	ng	# 98
40) 1,2,4,5-Tetrachloroben...	12.944	216	212884	40.33	ng	# 97
41) Hexachlorocyclopentadiene	12.927	237	308619	90.42	ng	97
43) 2,4,6-Trichlorophenol	13.179	196	148177	41.41	ng	96

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44) 2,4,5-Trichlorophenol	13.250	196	160438	40.74	ng	#	91
46) 1,1'-Biphenyl	13.579	154	433276	41.76	ng		99
47) 2-Chloronaphthalene	13.626	162	345301	41.28	ng		96
48) 2-Nitroaniline	13.820	65	129600	41.86	ng	#	73
49) Acenaphthylene	14.472	152	544863	40.22	ng		99
50) Dimethylphthalate	14.196	163	488532	41.52	ng		99
51) 2,6-Dinitrotoluene	14.313	165	104403	41.23	ng	#	58
52) Acenaphthene	14.813	154	420638m	46.20	ng		
53) 3-Nitroaniline	14.642	138	75106	30.98	ng	#	71
54) 2,4-Dinitrophenol	14.848	184	135108	87.42	ng	#	66
55) Dibenzofuran	15.148	168	540771	39.88	ng		93
56) 4-Nitrophenol	14.942	139	174836	80.58	ng	#	39
57) 2,4-Dinitrotoluene	15.101	165	148374	41.26	ng	#	71
58) Fluorene	15.794	166	464349	40.80	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.365	232	158308	40.74	ng	#	95
60) Diethylphthalate	15.559	149	478308	41.59	ng		97
61) 4-Chlorophenyl-phenyle...	15.782	204	273131	41.72	ng		94
62) 4-Nitroaniline	15.812	138	106357	40.05	ng	#	47
63) Azobenzene	16.076	77	499069	39.87	ng		85
65) 4,6-Dinitro-2-methylph...	15.865	198	94771	41.25	ng		83
66) n-Nitrosodiphenylamine	16.000	169	428840	40.58	ng		97
67) 4-Bromophenyl-phenylether	16.681	248	183656	39.97	ng		93
68) Hexachlorobenzene	16.799	284	194963	39.60	ng	#	94
69) Atrazine	16.946	200	151252	35.58	ng		98
70) Pentachlorophenol	17.140	266	258695	79.04	ng		93
71) Phenanthrene	17.539	178	768442	39.87	ng		98
72) Anthracene	17.633	178	789402	41.28	ng		98
73) Carbazole	17.897	167	688280	37.75	ng		99
74) Di-n-butylphthalate	18.456	149	827459	41.00	ng	#	97
75) Fluoranthene	19.548	202	1024566	39.93	ng		97
77) Benzidine	19.725	184	397606	35.43	ng		98
78) Pyrene	19.913	202	1018814	39.59	ng		97
80) Butylbenzylphthalate	20.794	149	358543	39.20	ng		89
81) Benzo(a)anthracene	21.769	228	1004719	38.66	ng		100
82) 3,3'-Dichlorobenzidine	21.675	252	278958	29.75	ng		95
83) Chrysene	21.840	228	963056	38.66	ng		99
84) Bis(2-ethylhexyl)phtha...	21.669	149	513125	40.61	ng		96
85) Di-n-octyl phthalate	22.927	149	856243	40.47	ng	#	96
87) Indeno(1,2,3-cd)pyrene	28.949	276	1155469	41.76	ng	#	85
88) Benzo(b)fluoranthene	24.061	252	1013458	39.64	ng	#	95
89) Benzo(k)fluoranthene	24.131	252	995457	41.26	ng	#	97
90) Benzo(a)pyrene	24.966	252	925019	39.68	ng	#	95
91) Dibenzo(a,h)anthracene	29.020	278	973662	41.25	ng	#	95
92) Benzo(g,h,i)perylene	30.142	276	953071	41.61	ng	#	91

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

