

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101320\
 Data File : BG046875.D
 Acq On : 13 Oct 2020 15:43
 Operator : CG/JU
 Sample : PB132232BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB132232BS

Manual Integrations
 APPROVED

mohammad
 10/14/2020 10:25:21 AM

Quant Time: Oct 13 16:20:58 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	8.108	152	59604	20.00	ng	0.00
21) Naphthalene-d8	10.917	136	226621	20.00	ng	# 0.00
39) Acenaphthene-d10	14.730	164	164374	20.00	ng	0.00
64) Phenanthrene-d10	17.468	188	420873	20.00	ng	#-0.01
76) Chrysene-d12	21.745	240	464673	20.00	ng	#-0.01
86) Perylene-d12	25.012	264	470243	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.670	112	493602	132.67	ng	0.00
7) Phenol-d6	7.262	99	655577	124.92	ng	0.00
23) Nitrobenzene-d5	9.272	82	596789	140.10	ng	0.00
42) 2,4,6-Tribromophenol	16.217	330	340357	157.04	ng	0.00
45) 2-Fluorobiphenyl	13.355	172	1370693	118.05	ng	0.00
79) Terphenyl-d14	20.077	244	2472990	106.66	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.555	88	65818	37.91	ng	# 94
3) Pyridine	3.954	79	180986	36.85	ng	97
4) n-Nitrosodimethylamine	3.866	42	106130	41.30	ng	# 69
6) Aniline	7.427	93	219915	34.67	ng	95
8) 2-Chlorophenol	7.668	128	187282	50.51	ng	93
9) Benzaldehyde	7.233	77	14246	Below Cal		# 84
10) Phenol	7.286	94	251852	48.21	ng	82
11) bis(2-Chloroethyl)ether	7.521	93	176693	43.76	ng	95
12) 1,3-Dichlorobenzene	7.991	146	209948	43.85	ng	# 94
13) 1,4-Dichlorobenzene	8.138	146	215869	45.50	ng	98
14) 1,2-Dichlorobenzene	8.461	146	201532	45.54	ng	97
15) Benzyl Alcohol	8.338	79	185990	43.11	ng	89
16) 2,2'-oxybis(1-Chloropr...	8.631	45	252548	35.65	ng	98
17) 2-Methylphenol	8.543	107	162725	48.51	ng	# 92
18) Hexachloroethane	9.195	117	77559	43.34	ng	96
19) n-Nitroso-di-n-propyla...	8.907	70	153571	42.67	ng	95
20) 3+4-Methylphenols	8.866	107	222492	48.66	ng	94
22) Acetophenone	8.925	105	286587	43.54	ng	# 92
24) Nitrobenzene	9.307	77	236120	50.78	ng	# 87
25) Isophorone	9.830	82	402666	43.30	ng	# 92
26) 2-Nitrophenol	10.018	139	107231	63.79	ng	# 77
27) 2,4-Dimethylphenol	10.077	122	164896	49.08	ng	85
28) bis(2-Chloroethoxy)met...	10.312	93	234402	40.87	ng	95
29) 2,4-Dichlorophenol	10.558	162	205463	50.83	ng	97
30) 1,2,4-Trichlorobenzene	10.776	180	225515	46.74	ng	97
31) Naphthalene	10.970	128	568861	46.28	ng	98
32) Benzoic acid	10.212	122	123087	51.91	ng	90
33) 4-Chloroaniline	11.064	127	139973	25.71	ng	# 93
34) Hexachlorobutadiene	11.252	225	165606	46.82	ng	99
35) Caprolactam	11.833	113	64909m	47.41	ng	
36) 4-Chloro-3-methylphenol	12.180	107	210690	48.49	ng	90
37) 2-Methylnaphthalene	12.562	142	431618	47.36	ng	# 92
38) 1-Methylnaphthalene	12.779	142	411152	48.61	ng	98
40) 1,2,4,5-Tetrachloroben...	12.926	216	270994	45.86	ng	# 97
41) Hexachlorocyclopentadiene	12.909	237	395654	115.11	ng	96
43) 2,4,6-Trichlorophenol	13.161	196	184759	49.72	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	13.232	196	197995	52.94	ng	#	95
46) 1,1'-Biphenyl	13.567	154	570637	45.15	ng		96
47) 2-Chloronaphthalene	13.608	162	449598	43.78	ng		96
48) 2-Nitroaniline	13.802	65	152909	56.09	ng	#	80
49) Acenaphthylene	14.454	152	684212	45.28	ng		99
50) Dimethylphthalate	14.178	163	598075	45.55	ng		98
51) 2,6-Dinitrotoluene	14.295	165	133144	62.40	ng	#	71
52) Acenaphthene	14.795	154	539055m	52.52	ng		
53) 3-Nitroaniline	14.624	138	96863	40.17	ng		88
54) 2,4-Dinitrophenol	14.830	184	175058	150.22	ng	#	72
55) Dibenzofuran	15.124	168	711726	45.93	ng		96
56) 4-Nitrophenol	14.930	139	229941	115.79	ng	#	63
57) 2,4-Dinitrotoluene	15.083	165	187630	66.41	ng	#	81
58) Fluorene	15.776	166	579042	46.66	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.347	232	199990	53.50	ng	#	96
60) Diethylphthalate	15.541	149	599416	45.41	ng		97
61) 4-Chlorophenyl-phenyle...	15.764	204	341536	48.21	ng		97
62) 4-Nitroaniline	15.788	138	136253	50.90	ng	#	69
63) Azobenzene	16.058	77	559753	43.14	ng		91
65) 4,6-Dinitro-2-methylph...	15.841	198	129431	74.09	ng		86
66) n-Nitrosodiphenylamine	15.976	169	533234	42.17	ng		99
67) 4-Bromophenyl-phenylether	16.657	248	233355	43.88	ng		96
68) Hexachlorobenzene	16.775	284	246131	43.02	ng		92
69) Atrazine	16.922	200	210715	41.48	ng		97
70) Pentachlorophenol	17.116	266	346315	104.85	ng		92
71) Phenanthrene	17.515	178	995347	43.56	ng		97
72) Anthracene	17.603	178	1014959	45.02	ng		99
73) Carbazole	17.868	167	907262	44.22	ng		98
74) Di-n-butylphthalate	18.426	149	1089319	43.19	ng	#	98
75) Fluoranthene	19.519	202	1335996	45.91	ng		97
77) Benzidine	19.689	184	558759	39.01	ng		98
78) Pyrene	19.877	202	1316799	44.09	ng		99
80) Butylbenzylphthalate	20.758	149	495123	42.90	ng		90
81) Benzo(a)anthracene	21.728	228	1331907	42.93	ng		99
82) 3,3'-Dichlorobenzidine	21.640	252	364774	30.29	ng	#	98
83) Chrysene	21.792	228	1275986	43.05	ng		100
84) Bis(2-ethylhexyl)phtha...	21.628	149	704683	41.56	ng		97
85) Di-n-octyl phthalate	22.856	149	1195884	41.02	ng	#	95
87) Indeno(1,2,3-cd)pyrene	28.743	276	1568472	45.08	ng	#	90
88) Benzo(b)fluoranthene	23.978	252	1398961	45.39	ng	#	98
89) Benzo(k)fluoranthene	24.049	252	1313826	44.35	ng	#	97
90) Benzo(a)pyrene	24.859	252	1264502	43.61	ng	#	98
91) Dibenzo(a,h)anthracene	28.814	278	1291173	45.37	ng	#	95
92) Benzo(g,h,i)perylene	29.918	276	1270113	45.64	ng	#	93

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

