

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092320\
 Data File : BG046693.D
 Acq On : 23 Sep 2020 15:58
 Operator : CG/JU
 Sample : PB131828BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB131828BS

Manual Integrations
 APPROVED

mohammad
 9/24/2020 10:46:52 AM

Quant Time: Sep 23 17:43:05 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 22 21:47:28 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.125	152	72518	20.00	ng	0.00
21) Naphthalene-d8	10.939	136	281563	20.00	ng	0.00
39) Acenaphthene-d10	14.747	164	201966	20.00	ng	0.00
64) Phenanthrene-d10	17.491	188	460648	20.00	ng	0.00
76) Chrysene-d12	21.774	240	459492	20.00	ng	# 0.00
86) Perylene-d12	25.058	264	454756	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.681	112	450120	99.44	ng	0.00
7) Phenol-d6	7.273	99	605197	94.78	ng	0.00
23) Nitrobenzene-d5	9.288	82	362750	68.54	ng	0.00
42) 2,4,6-Tribromophenol	16.227	330	259174	97.32	ng	0.00
45) 2-Fluorobiphenyl	13.372	172	934501	65.50	ng	0.00
79) Terphenyl-d14	20.099	244	1494178	65.17	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.577	88	97625	46.22	ng	# 85
3) Pyridine	3.977	79	147051	24.61	ng	# 94
4) n-Nitrosodimethylamine	3.889	42	113028	36.15	ng	# 62
6) Aniline	7.444	93	269265	34.89	ng	92
8) 2-Chlorophenol	7.684	128	179580	39.81	ng	92
9) Benzaldehyde	7.256	77	140219	39.79	ng	87
10) Phenol	7.297	94	249539	39.26	ng	79
11) bis(2-Chloroethyl)ether	7.538	93	180289	36.70	ng	91
12) 1,3-Dichlorobenzene	8.013	146	199961	34.33	ng	# 95
13) 1,4-Dichlorobenzene	8.160	146	197406	34.20	ng	98
14) 1,2-Dichlorobenzene	8.478	146	190561	35.40	ng	97
15) Benzyl Alcohol	8.354	79	203730	38.81	ng	87
16) 2,2'-oxybis(1-Chloropr...	8.654	45	292631	33.95	ng	99
17) 2-Methylphenol	8.554	107	167976	41.16	ng	# 88
18) Hexachloroethane	9.218	117	72080	33.10	ng	96
19) n-Nitroso-di-n-propyla...	8.930	70	162347	37.08	ng	90
20) 3+4-Methylphenols	8.883	107	226287	40.68	ng	89
22) Acetophenone	8.948	105	293806	35.92	ng	# 89
24) Nitrobenzene	9.330	77	213279	36.92	ng	# 84
25) Isophorone	9.852	82	438859	37.99	ng	# 93
26) 2-Nitrophenol	10.041	139	82021	39.27	ng	# 78
27) 2,4-Dimethylphenol	10.093	122	183949	44.06	ng	94
28) bis(2-Chloroethoxy)met...	10.334	93	254681	35.74	ng	93
29) 2,4-Dichlorophenol	10.569	162	195754	38.98	ng	96
30) 1,2,4-Trichlorobenzene	10.798	180	203818	34.00	ng	97
31) Naphthalene	10.986	128	549235	35.96	ng	99
32) Benzoic acid	10.211	122	103728	37.25	ng	# 77
33) 4-Chloroaniline	11.086	127	184702	27.30	ng	95
34) Hexachlorobutadiene	11.274	225	139373	31.71	ng	96
35) Caprolactam	11.850	113	67780m	39.85	ng	
36) 4-Chloro-3-methylphenol	12.191	107	212179	39.30	ng	92
37) 2-Methylnaphthalene	12.585	142	420522	37.14	ng	# 94
38) 1-Methylnaphthalene	12.802	142	390983m	37.20	ng	
40) 1,2,4,5-Tetrachloroben...	12.949	216	253031	34.85	ng	# 97
41) Hexachlorocyclopentadiene	12.931	237	332131	78.65	ng	99
43) 2,4,6-Trichlorophenol	13.178	196	168807	36.97	ng	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	13.249	196	181479	39.49	ng	#	89
46) 1,1'-Biphenyl	13.583	154	570786	36.76	ng		98
47) 2-Chloronaphthalene	13.625	162	423748	33.58	ng		96
48) 2-Nitroaniline	13.818	65	131898	39.38	ng	#	78
49) Acenaphthylene	14.471	152	680193	36.63	ng		99
50) Dimethylphthalate	14.200	163	584677	36.24	ng		99
51) 2,6-Dinitrotoluene	14.312	165	109188	41.65	ng	#	70
52) Acenaphthene	14.811	154	483079	38.31	ng		95
53) 3-Nitroaniline	14.635	138	88764	29.96	ng	#	83
54) 2,4-Dinitrophenol	14.841	184	120558	84.20	ng	#	82
55) Dibenzofuran	15.146	168	695129	36.51	ng		96
56) 4-Nitrophenol	14.935	139	205888	84.38	ng	#	62
57) 2,4-Dinitrotoluene	15.093	165	147077	42.36	ng	#	74
58) Fluorene	15.793	166	551112	36.14	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.364	232	178043	38.76	ng	#	92
60) Diethylphthalate	15.563	149	582317	35.90	ng		96
61) 4-Chlorophenyl-phenyle...	15.787	204	316394	36.35	ng		95
62) 4-Nitroaniline	15.798	138	118794	36.12	ng	#	66
63) Azobenzene	16.080	77	579304	36.34	ng		90
65) 4,6-Dinitro-2-methylph...	15.857	198	83049	43.43	ng		87
66) n-Nitrosodiphenylamine	15.998	169	512694	37.05	ng		98
67) 4-Bromophenyl-phenylether	16.680	248	207491	35.65	ng	#	93
68) Hexachlorobenzene	16.791	284	220578	35.22	ng		95
69) Atrazine	16.938	200	186592	33.56	ng		98
70) Pentachlorophenol	17.132	266	294190	81.38	ng		90
71) Phenanthrene	17.532	178	918072	36.71	ng		99
72) Anthracene	17.626	178	952214	38.59	ng		97
73) Carbazole	17.884	167	826672	36.81	ng		97
74) Di-n-butylphthalate	18.454	149	985038	35.69	ng	#	98
75) Fluoranthene	19.535	202	1150445	36.12	ng		97
77) Benzidine	19.712	184	645672	45.59	ng		98
78) Pyrene	19.894	202	1140999	38.63	ng		98
80) Butylbenzylphthalate	20.787	149	428437	37.54	ng	#	87
81) Benzo(a)anthracene	21.750	228	1146589	37.38	ng		98
82) 3,3'-Dichlorobenzidine	21.662	252	345978	29.06	ng		98
83) Chrysene	21.821	228	1078535	36.80	ng		99
84) Bis(2-ethylhexyl)phtha...	21.674	149	624311	37.24	ng		95
85) Di-n-octyl phthalate	22.920	149	1070472	37.13	ng	#	92
87) Indeno(1,2,3-cd)pyrene	28.813	276	1312687	39.02	ng	#	90
88) Benzo(b)fluoranthene	24.018	252	1181348	39.64	ng	#	97
89) Benzo(k)fluoranthene	24.089	252	1115747	38.94	ng	#	97
90) Benzo(a)pyrene	24.905	252	1080757	38.54	ng		98
91) Dibenzo(a,h)anthracene	28.895	278	1080770	39.27	ng		97
92) Benzo(g,h,i)perylene	29.999	276	1080019	40.13	ng	#	93

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

