

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092520\
 Data File : BG046702.D
 Acq On : 25 Sep 2020 15:08
 Operator : CG/JU
 Sample : PB131901BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB131901BS

Manual Integrations
 APPROVED

mohammad
 9/28/2020 11:10:00 AM

Quant Time: Sep 25 16:01:48 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	8.120	152	64215	20.00	ng	# 0.00
21) Naphthalene-d8	10.934	136	249222	20.00	ng	# 0.00
39) Acenaphthene-d10	14.747	164	178803	20.00	ng	0.00
64) Phenanthrene-d10	17.485	188	450653	20.00	ng	0.00
76) Chrysene-d12	21.768	240	460669	20.00	ng	# 0.00
86) Perylene-d12	25.047	264	468259	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.681	112	509799	127.18	ng	0.00
7) Phenol-d6	7.268	99	678236	119.96	ng	0.00
23) Nitrobenzene-d5	9.283	82	462481	98.72	ng	0.00
42) 2,4,6-Tribromophenol	16.228	330	324735	137.74	ng	0.00
45) 2-Fluorobiphenyl	13.372	172	1046916	82.89	ng	0.00
79) Terphenyl-d14	20.094	244	1887790	82.13	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.578	88	61719	33.00	ng	# 87
3) Pyridine	3.972	79	191788	36.25	ng	# 89
4) n-Nitrosodimethylamine	3.883	42	121823	44.00	ng	# 68
6) Aniline	7.444	93	242380	35.47	ng	# 91
8) 2-Chlorophenol	7.685	128	187201	46.87	ng	90
9) Benzaldehyde	7.256	77	76551	21.69	ng	88
10) Phenol	7.297	94	259279	46.07	ng	78
11) bis(2-Chloroethyl)ether	7.538	93	183193	42.12	ng	88
12) 1,3-Dichlorobenzene	8.014	146	211100	40.93	ng	# 92
13) 1,4-Dichlorobenzene	8.155	146	214760	42.01	ng	95
14) 1,2-Dichlorobenzene	8.478	146	207624	43.55	ng	95
15) Benzyl Alcohol	8.355	79	212137	45.63	ng	89
16) 2,2'-oxybis(1-Chloropr...	8.648	45	309096	40.50	ng	95
17) 2-Methylphenol	8.554	107	169396	46.87	ng	# 90
18) Hexachloroethane	9.212	117	78026	40.47	ng	97
19) n-Nitroso-di-n-propyla...	8.925	70	165905	42.79	ng	89
20) 3+4-Methylphenols	8.883	107	230862	46.87	ng	91
22) Acetophenone	8.942	105	299481	41.37	ng	# 90
24) Nitrobenzene	9.324	77	242170	47.36	ng	# 83
25) Isophorone	9.853	82	441954	43.22	ng	# 92
26) 2-Nitrophenol	10.041	139	95734	51.79	ng	# 76
27) 2,4-Dimethylphenol	10.094	122	184694	49.98	ng	89
28) bis(2-Chloroethoxy)met...	10.335	93	248982	39.47	ng	# 95
29) 2,4-Dichlorophenol	10.570	162	203890	45.87	ng	97
30) 1,2,4-Trichlorobenzene	10.793	180	215448	40.61	ng	98
31) Naphthalene	10.987	128	575445	42.57	ng	99
32) Benzoic acid	10.211	122	121707	47.31	ng	90
33) 4-Chloroaniline	11.081	127	138636	23.15	ng	# 89
34) Hexachlorobutadiene	11.269	225	155349	39.94	ng	97
35) Caprolactam	11.851	113	74803m	49.69	ng	
36) 4-Chloro-3-methylphenol	12.191	107	228305	47.77	ng	85
37) 2-Methylnaphthalene	12.579	142	427047	42.61	ng	# 93
38) 1-Methylnaphthalene	12.797	142	402167	43.23	ng	# 98
40) 1,2,4,5-Tetrachloroben...	12.943	216	264509	41.15	ng	# 96
41) Hexachlorocyclopentadiene	12.932	237	366212	97.95	ng	99
43) 2,4,6-Trichlorophenol	13.173	196	189898	46.98	ng	98

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44) 2,4,5-Trichlorophenol	13.243	196	202308	49.73	ng	#	95
46) 1,1'-Biphenyl	13.584	154	590629	42.96	ng		97
47) 2-Chloronaphthalene	13.625	162	449932	40.28	ng		96
48) 2-Nitroaniline	13.813	65	159496	53.78	ng	#	75
49) Acenaphthylene	14.465	152	698482	42.49	ng		99
50) Dimethylphthalate	14.195	163	616485	43.17	ng		99
51) 2,6-Dinitrotoluene	14.307	165	130332	56.15	ng	#	66
52) Acenaphthene	14.812	154	514128	46.05	ng		96
53) 3-Nitroaniline	14.636	138	90029	34.32	ng	#	74
54) 2,4-Dinitrophenol	14.841	184	134871	106.40	ng	#	73
55) Dibenzofuran	15.141	168	724229	42.97	ng		94
56) 4-Nitrophenol	14.935	139	233149	107.93	ng	#	61
57) 2,4-Dinitrotoluene	15.094	165	180691	58.79	ng	#	73
58) Fluorene	15.793	166	595656	44.13	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.358	232	196974	48.44	ng	#	93
60) Diethylphthalate	15.558	149	625464	43.56	ng		96
61) 4-Chlorophenyl-phenyle...	15.781	204	342062	44.39	ng		98
62) 4-Nitroaniline	15.799	138	139133	47.78	ng	#	58
63) Azobenzene	16.075	77	624346	44.24	ng		87
65) 4,6-Dinitro-2-methylph...	15.852	198	107547	57.49	ng		80
66) n-Nitrosodiphenylamine	15.993	169	562983	41.58	ng		98
67) 4-Bromophenyl-phenylether	16.674	248	229778	40.35	ng	#	92
68) Hexachlorobenzene	16.792	284	242407	39.57	ng	#	90
69) Atrazine	16.939	200	185642	34.13	ng		99
70) Pentachlorophenol	17.133	266	334311	94.53	ng		90
71) Phenanthrene	17.532	178	1027166	41.98	ng		97
72) Anthracene	17.620	178	1061913	43.99	ng		98
73) Carbazole	17.885	167	936456	42.62	ng		98
74) Di-n-butylphthalate	18.449	149	1099226	40.71	ng	#	98
75) Fluoranthene	19.536	202	1326209	42.56	ng		97
77) Benzidine	19.706	184	447564	31.52	ng		98
78) Pyrene	19.894	202	1322852	44.67	ng		99
80) Butylbenzylphthalate	20.781	149	503591	44.01	ng	#	87
81) Benzo(a)anthracene	21.745	228	1316130	42.79	ng		99
82) 3,3'-Dichlorobenzidine	21.657	252	364187	30.51	ng		99
83) Chrysene	21.815	228	1264799	43.04	ng		99
84) Bis(2-ethylhexyl)phtha...	21.668	149	715495	42.57	ng		96
85) Di-n-octyl phthalate	22.908	149	1208532	41.81	ng	#	92
87) Indeno(1,2,3-cd)pyrene	28.801	276	1518589	43.83	ng	#	89
88) Benzo(b)fluoranthene	24.007	252	1360634	44.34	ng	#	97
89) Benzo(k)fluoranthene	24.083	252	1311344	44.45	ng	#	98
90) Benzo(a)pyrene	24.894	252	1219152	42.22	ng	#	97
91) Dibenzo(a,h)anthracene	28.878	278	1259452	44.44	ng	#	96
92) Benzo(g,h,i)perylene	29.971	276	1251782	45.17	ng	#	95

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

