

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101320\
 Data File : BG046878.D
 Acq On : 13 Oct 2020 17:44
 Operator : CG/JU
 Sample : PB132329BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB132329BS

Manual Integrations
 APPROVED

mohammad
 10/14/2020 10:25:26 AM

Quant Time: Oct 13 18:40:12 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	65925	20.00	ng	0.00
21) Naphthalene-d8	10.917	136	258085	20.00	ng	# 0.00
39) Acenaphthene-d10	14.730	164	188268	20.00	ng	0.00
64) Phenanthrene-d10	17.468	188	467563	20.00	ng	#-0.01
76) Chrysene-d12	21.745	240	494627	20.00	ng	#-0.01
86) Perylene-d12	25.012	264	509444	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.670	112	516050	125.40	ng	0.00
7) Phenol-d6	7.262	99	672871	115.92	ng	0.00
23) Nitrobenzene-d5	9.266	82	463062	95.45	ng	0.00
42) 2,4,6-Tribromophenol	16.216	330	348771	140.49	ng	0.00
45) 2-Fluorobiphenyl	13.355	172	1062753	79.91	ng	0.00
79) Terphenyl-d14	20.071	244	1928649	78.15	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.561	88	61714	32.14	ng	96
3) Pyridine	3.954	79	176224	32.44	ng	97
4) n-Nitrosodimethylamine	3.866	42	104425	36.74	ng	# 77
6) Aniline	7.427	93	215755	30.76	ng	97
8) 2-Chlorophenol	7.668	128	189866	46.30	ng	92
9) Benzaldehyde	7.239	77	43724m	8.79	ng	
10) Phenol	7.286	94	247700	42.87	ng	82
11) bis(2-Chloroethyl)ether	7.521	93	172384	38.60	ng	93
12) 1,3-Dichlorobenzene	7.997	146	213715	40.36	ng	# 93
13) 1,4-Dichlorobenzene	8.138	146	214491	40.87	ng	96
14) 1,2-Dichlorobenzene	8.461	146	207379	42.37	ng	93
15) Benzyl Alcohol	8.337	79	194815	40.82	ng	89
16) 2,2'-oxybis(1-Chloropr...	8.631	45	254893	32.53	ng	99
17) 2-Methylphenol	8.537	107	162310	43.75	ng	# 90
18) Hexachloroethane	9.195	117	76111	38.45	ng	95
19) n-Nitroso-di-n-propyla...	8.907	70	151612	38.09	ng	94
20) 3+4-Methylphenols	8.866	107	225211	44.54	ng	92
22) Acetophenone	8.925	105	286953	38.28	ng	# 93
24) Nitrobenzene	9.307	77	236713	44.70	ng	88
25) Isophorone	9.830	82	408265	38.55	ng	94
26) 2-Nitrophenol	10.024	139	106432	55.60	ng	# 78
27) 2,4-Dimethylphenol	10.077	122	180322	47.12	ng	92
28) bis(2-Chloroethoxy)met...	10.312	93	237490	36.36	ng	99
29) 2,4-Dichlorophenol	10.558	162	206650	44.89	ng	98
30) 1,2,4-Trichlorobenzene	10.776	180	220407	40.11	ng	100
31) Naphthalene	10.970	128	560799	40.06	ng	99
32) Benzoic acid	10.200	122	121380	45.80	ng	97
33) 4-Chloroaniline	11.064	127	121517	19.60	ng	# 91
34) Hexachlorobutadiene	11.252	225	164092	40.73	ng	96
35) Caprolactam	11.839	113	65695m	42.14	ng	
36) 4-Chloro-3-methylphenol	12.180	107	215144	43.47	ng	87
37) 2-Methylnaphthalene	12.562	142	428886	41.33	ng	# 94
38) 1-Methylnaphthalene	12.779	142	396252m	41.13	ng	
40) 1,2,4,5-Tetrachloroben...	12.932	216	272504	40.26	ng	# 97
41) Hexachlorocyclopentadiene	12.909	237	405654	103.05	ng	99
43) 2,4,6-Trichlorophenol	13.161	196	187855	44.14	ng	90

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	13.232	196	199537	46.58	ng	#	94
46) 1,1'-Biphenyl	13.567	154	584392	40.37	ng		96
47) 2-Chloronaphthalene	13.608	162	450648	38.31	ng		97
48) 2-Nitroaniline	13.802	65	155998	49.96	ng	#	80
49) Acenaphthylene	14.454	152	695272	40.17	ng		98
50) Dimethylphthalate	14.178	163	608535	40.47	ng		99
51) 2,6-Dinitrotoluene	14.295	165	135211	55.33	ng	#	75
52) Acenaphthene	14.795	154	543261m	46.21	ng		
53) 3-Nitroaniline	14.624	138	89226	32.31	ng	#	84
54) 2,4-Dinitrophenol	14.830	184	178745	133.92	ng	#	80
55) Dibenzofuran	15.124	168	714897	40.28	ng		96
56) 4-Nitrophenol	14.930	139	233750	102.77	ng	#	67
57) 2,4-Dinitrotoluene	15.082	165	191573	59.20	ng	#	75
58) Fluorene	15.776	166	590989	41.58	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.347	232	203950	47.64	ng	#	97
60) Diethylphthalate	15.541	149	611860	40.47	ng		98
61) 4-Chlorophenyl-phenyle...	15.764	204	350733	43.22	ng		99
62) 4-Nitroaniline	15.788	138	137796	44.94	ng	#	67
63) Azobenzene	16.058	77	567561	38.19	ng		91
65) 4,6-Dinitro-2-methylph...	15.846	198	126546	65.20	ng		92
66) n-Nitrosodiphenylamine	15.976	169	551252	39.24	ng		99
67) 4-Bromophenyl-phenylether	16.657	248	239335	40.51	ng		95
68) Hexachlorobenzene	16.775	284	248818	39.14	ng		97
69) Atrazine	16.921	200	178355	31.60	ng		98
70) Pentachlorophenol	17.115	266	347755	94.77	ng		93
71) Phenanthrene	17.515	178	1008069	39.71	ng		98
72) Anthracene	17.603	178	1035107	41.32	ng		98
73) Carbazole	17.867	167	914384	40.11	ng		99
74) Di-n-butylphthalate	18.426	149	1083275	38.67	ng	#	97
75) Fluoranthene	19.518	202	1327909	41.08	ng		96
77) Benzidine	19.689	184	471009	30.89	ng		97
78) Pyrene	19.877	202	1329122	41.80	ng		99
80) Butylbenzylphthalate	20.758	149	481575	39.20	ng		92
81) Benzo(a)anthracene	21.728	228	1328504	40.23	ng		99
82) 3,3'-Dichlorobenzidine	21.639	252	344051	26.84	ng		99
83) Chrysene	21.792	228	1273419	40.36	ng		99
84) Bis(2-ethylhexyl)phtha...	21.628	149	691922	38.34	ng		97
85) Di-n-octyl phthalate	22.856	149	1186187	38.22	ng	#	95
87) Indeno(1,2,3-cd)pyrene	28.743	276	1562605	41.46	ng	#	89
88) Benzo(b)fluoranthene	23.978	252	1378933	41.30	ng	#	96
89) Benzo(k)fluoranthene	24.048	252	1332525	41.52	ng	#	96
90) Benzo(a)pyrene	24.859	252	1247421	39.71	ng	#	97
91) Dibenzo(a,h)anthracene	28.813	278	1265980	41.06	ng	#	96
92) Benzo(g,h,i)perylene	29.918	276	1291331	42.83	ng	#	93

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

