

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041223\
 Data File : BG057064.D
 Acq On : 12 Apr 2023 14:54
 Operator : CG/JU
 Sample : PB152062BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB152062BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/13/2023
 Supervised By : Jagrut Upadhyay 04/13/2023

Quant Time: Apr 13 05:23:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 13 05:15:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.409	152	17564	20.000	ng	0.00
21) Naphthalene-d8	11.252	136	73143	20.000	ng	0.00
39) Acenaphthene-d10	15.023	164	54877	20.000	ng	0.00
64) Phenanthrene-d10	17.761	188	137421	20.000	ng	0.00
76) Chrysene-d12	22.079	240	125212	20.000	ng	0.00
86) Perylene-d12	25.621	264	133507	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.918	112	130835	119.218	ng	0.00
7) Phenol-d6	7.545	99	186505	113.628	ng	0.00
23) Nitrobenzene-d5	9.590	82	116354	65.091	ng	0.00
42) 2,4,6-Tribromophenol	16.504	330	97241	110.920	ng	0.00
45) 2-Fluorobiphenyl	13.649	172	272977	67.453	ng	0.00
79) Terphenyl-d14	20.328	244	512404	69.248	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.715	88	16030	33.321	ng	98
3) Pyridine	4.138	79	43271	27.926	ng	95
4) n-Nitrosodimethylamine	4.044	42	26110	36.650	ng	96
6) Aniline	7.716	93	74408	35.461	ng	95
8) 2-Chlorophenol	7.968	128	52872	48.368	ng	96
9) Benzaldehyde	7.528	77	37379	36.308	ng	96
10) Phenol	7.569	94	81218	49.938	ng	98
11) bis(2-Chloroethyl)ether	7.810	93	51118	44.124	ng	96
12) 1,3-Dichlorobenzene	8.297	146	53499	44.293	ng	98
13) 1,4-Dichlorobenzene	8.444	146	55048	45.157	ng	98
14) 1,2-Dichlorobenzene	8.773	146	53093	45.080	ng	93
15) Benzyl Alcohol	8.638	79	59182	43.394	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.932	45	62624m	44.853	ng	
17) 2-Methylphenol	8.844	107	53159	45.814	ng	94
18) Hexachloroethane	9.513	117	19397	43.534	ng	# 86
19) n-Nitroso-di-n-propyla...	9.208	70	48516	41.325	ng	99
20) 3+4-Methylphenols	9.173	107	71691	44.185	ng	96
22) Acetophenone	9.237	105	88502	40.663	ng	# 92
24) Nitrobenzene	9.631	77	72852	39.862	ng	94
25) Isophorone	10.154	82	129415	38.019	ng	98
26) 2-Nitrophenol	10.347	139	30163	42.759	ng	94
27) 2,4-Dimethylphenol	10.389	122	54600	43.838	ng	99
28) bis(2-Chloroethoxy)met...	10.624	93	69274	40.650	ng	94
29) 2,4-Dichlorophenol	10.882	162	58929	43.994	ng	97
30) 1,2,4-Trichlorobenzene	11.105	180	61174	42.982	ng	96
31) Naphthalene	11.299	128	163953	41.124	ng	97
32) Benzoic acid	10.535	122	35080	41.003	ng	96
33) 4-Chloroaniline	11.399	127	48054	26.688	ng	95
34) Hexachlorobutadiene	11.575	225	43220	40.426	ng	93
35) Caprolactam	12.168	113	18447m	39.934	ng	
36) 4-Chloro-3-methylphenol	12.492	107	61735	41.213	ng	88
37) 2-Methylnaphthalene	12.873	142	123053	38.889	ng	97
38) 1-Methylnaphthalene	13.091	142	112495	37.862	ng	97
40) 1,2,4,5-Tetrachloroben...	13.238	216	80945	42.536	ng	98
41) Hexachlorocyclopentadiene	13.208	237	116546	111.156	ng	99
43) 2,4,6-Trichlorophenol	13.467	196	54632m	44.988	ng	

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.537	196	57602	40.040	ng	97
46) 1,1'-Biphenyl	13.860	154	175099	43.588	ng	97
47) 2-Chloronaphthalene	13.913	162	131602	44.294	ng	97
48) 2-Nitroaniline	14.107	65	44751	42.124	ng	92
49) Acenaphthylene	14.747	152	208890	42.792	ng	99
50) Dimethylphthalate	14.459	163	178446	41.269	ng	# 98
51) 2,6-Dinitrotoluene	14.583	165	40441	43.288	ng	93
52) Acenaphthene	15.088	154	162293m	48.206	ng	
53) 3-Nitroaniline	14.918	138	27730	29.988	ng	99
54) 2,4-Dinitrophenol	15.123	184	51889	98.678	ng	94
55) Dibenzofuran	15.417	168	211637	41.883	ng	95
56) 4-Nitrophenol	15.211	139	62944	92.051	ng	# 88
57) 2,4-Dinitrotoluene	15.370	165	56511	42.889	ng	99
58) Fluorene	16.063	166	173896	41.589	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.634	232	56179	42.890	ng	98
60) Diethylphthalate	15.805	149	183550	42.344	ng	98
61) 4-Chlorophenyl-phenyle...	16.040	204	103190	42.033	ng	97
62) 4-Nitroaniline	16.075	138	39755	41.495	ng	93
63) Azobenzene	16.333	77	177633	41.120	ng	98
65) 4,6-Dinitro-2-methylph...	16.134	198	38021	45.683	ng	98
66) n-Nitrosodiphenylamine	16.257	169	155336	42.108	ng	97
67) 4-Bromophenyl-phenylether	16.938	248	68404	40.230	ng	94
68) Hexachlorobenzene	17.068	284	74724	44.451	ng	96
69) Atrazine	17.185	200	66808	43.628	ng	99
70) Pentachlorophenol	17.408	266	89058	73.845	ng	93
71) Phenanthrene	17.802	178	291549	41.612	ng	99
72) Anthracene	17.896	178	294568	41.012	ng	99
73) Carbazole	18.160	167	266107	42.494	ng	95
74) Di-n-butylphthalate	18.677	149	312747	43.129	ng	100
75) Fluoranthene	19.788	202	355514	40.028	ng	99
77) Benzidine	19.952	184	162849	47.583	ng	97
78) Pyrene	20.152	202	361965	41.796	ng	98
80) Butylbenzylphthalate	21.009	149	131151	44.008	ng	95
81) Benzo(a)anthracene	22.061	228	354889	40.958	ng	99
82) 3,3'-Dichlorobenzidine	21.955	252	95691	32.705	ng	96
83) Chrysene	22.131	228	322449	39.745	ng	97
84) Bis(2-ethylhexyl)phtha...	21.908	149	188427	43.664	ng	97
85) Di-n-octyl phthalate	23.224	149	315934	43.444	ng	99
87) Indeno(1,2,3-cd)pyrene	29.715	276	418727	42.438	ng	# 96
88) Benzo(b)fluoranthene	24.487	252	372410	44.607	ng	99
89) Benzo(k)fluoranthene	24.563	252	358285	42.987	ng	# 99
90) Benzo(a)pyrene	25.450	252	322343	39.292	ng	# 97
91) Dibenzo(a,h)anthracene	29.774	278	350491	43.215	ng	98
92) Benzo(g,h,i)perylene	31.002	276	331121	41.695	ng	98

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

