

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012324\
 Data File : BG060402.D
 Acq On : 23 Jan 2024 13:48
 Operator : MA/JU
 Sample : IDOC-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 IDOC-01

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 01/24/2024
 Supervised By :mohammad ahmed 01/25/2024

Quant Time: Jan 23 14:24:10 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 09 04:07:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.929	152	184886	20.000	ng	0.00
21) Naphthalene-d8	10.732	136	936618	20.000	ng	0.00
39) Acenaphthene-d10	14.569	164	708557	20.000	ng	0.00
64) Phenanthrene-d10	17.313	188	1901375	20.000	ng	0.00
76) Chrysene-d12	21.578	240	1559325	20.000	ng	0.00
86) Perylene-d12	24.739	264	1695865	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.503	112	1667755	148.367	ng	0.00
7) Phenol-d6	7.101	99	2346131	140.952	ng	0.00
23) Nitrobenzene-d5	9.093	82	1478415	74.535	ng	0.00
42) 2,4,6-Tribromophenol	16.061	330	1560084	149.650	ng	0.00
45) 2-Fluorobiphenyl	13.188	172	4061473	79.693	ng	0.00
79) Terphenyl-d14	19.933	244	5893364	103.477	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.399	88	182785	35.598	ng	# 94
3) Pyridine	3.793	79	507368	35.022	ng	90
4) n-Nitrosodimethylamine	3.711	42	217794	48.036	ng	100
6) Aniline	7.254	93	683584	41.087	ng	100
8) 2-Chlorophenol	7.495	128	585959	52.599	ng	94
10) Phenol	7.125	94	835887	50.087	ng	98
11) bis(2-Chloroethyl)ether	7.348	93	572126	42.071	ng	96
12) 1,3-Dichlorobenzene	7.818	146	598242	42.784	ng	99
13) 1,4-Dichlorobenzene	7.965	146	613604	43.250	ng	99
14) 1,2-Dichlorobenzene	8.282	146	623504	42.740	ng	99
15) Benzyl Alcohol	8.170	79	562322	52.190	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.452	45	755187	45.754	ng	96
17) 2-Methylphenol	8.370	107	593752	51.799	ng	98
18) Hexachloroethane	9.011	117	221839	44.597	ng	93
19) n-Nitroso-di-n-propyla...	8.734	70	528056	45.838	ng	95
20) 3+4-Methylphenols	8.699	107	822758	53.236	ng	97
22) Acetophenone	8.752	105	1018999	39.579	ng	99
24) Nitrobenzene	9.134	77	747233	36.340	ng	96
25) Isophorone	9.651	82	1505725	37.800	ng	98
26) 2-Nitrophenol	9.845	139	360414	47.673	ng	97
27) 2,4-Dimethylphenol	9.904	122	712070	71.279	ng	99
28) bis(2-Chloroethoxy)met...	10.139	93	1046030	42.979	ng	99
29) 2,4-Dichlorophenol	10.380	162	815002	50.345	ng	98
30) 1,2,4-Trichlorobenzene	10.597	180	840007	41.708	ng	96
31) Naphthalene	10.785	128	2108090	42.938	ng	100
32) Benzoic acid	10.056	122	450118	50.379	ng	90
33) 4-Chloroaniline	10.891	127	487166	25.752	ng	98
34) Hexachlorobutadiene	11.061	225	525918	40.086	ng	96
35) Caprolactam	11.666	113	285195m	54.697	ng	
36) 4-Chloro-3-methylphenol	12.019	107	838003	50.955	ng	93
37) 2-Methylnaphthalene	12.389	142	1591480	43.706	ng	97
38) 1-Methylnaphthalene	12.612	142	1502938	41.104	ng	98
40) 1,2,4,5-Tetrachloroben...	12.759	216	1080425	42.934	ng	99
41) Hexachlorocyclopentadiene	12.736	237	1212487	145.124	ng	97
43) 2,4,6-Trichlorophenol	13.000	196	781782	48.817	ng	98
44) 2,4,5-Trichlorophenol	13.082	196	867941	49.137	ng	95

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46) 1,1'-Biphenyl	13.400	154	2274657	42.529	ng	99
47) 2-Chloronaphthalene	13.447	162	1882968	41.095	ng	99
48) 2-Nitroaniline	13.652	65	579775	50.809	ng	95
49) Acenaphthylene	14.293	152	2974434	47.141	ng	99
50) Dimethylphthalate	14.022	163	2574767	47.552	ng	99
51) 2,6-Dinitrotoluene	14.146	165	597417	51.707	ng	98
52) Acenaphthene	14.633	154	1810459	46.081	ng	99
53) 3-Nitroaniline	14.475	138	386936	36.754	ng	98
54) 2,4-Dinitrophenol	14.680	184	761215	105.587	ng	99
55) Dibenzofuran	14.968	168	3052964	46.549	ng	97
56) 4-Nitrophenol	14.792	139	928058	118.847	ng	97
57) 2,4-Dinitrotoluene	14.933	165	843617	53.246	ng	93
58) Fluorene	15.615	166	2525185	46.493	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.192	232	827583	55.174	ng	99
60) Diethylphthalate	15.385	149	2523409	48.543	ng	99
61) 4-Chlorophenyl-phenyle...	15.603	204	1390834	46.485	ng	97
62) 4-Nitroaniline	15.644	138	581144	51.865	ng	98
63) Azobenzene	15.902	77	2417384	45.978	ng	98
65) 4,6-Dinitro-2-methylph...	15.697	198	564177	53.635	ng	94
66) n-Nitrosodiphenylamine	15.820	169	2338135	46.312	ng	99
67) 4-Bromophenyl-phenylether	16.502	248	949588	45.452	ng	94
68) Hexachlorobenzene	16.619	284	1071880	43.342	ng	98
69) Atrazine	16.766	200	757732	39.803	ng	98
70) Pentachlorophenol	16.966	266	1289019	96.699	ng	94
71) Phenanthrene	17.360	178	4097115	44.580	ng	98
72) Anthracene	17.448	178	4164920	45.391	ng	98
73) Carbazole	17.718	167	3811619	44.063	ng	98
74) Di-n-butylphthalate	18.270	149	3941702	44.286	ng	98
75) Fluoranthene	19.369	202	4561373	41.322	ng	99
77) Benzidine	19.551	184	1280893	37.810	ng	98
78) Pyrene	19.733	202	4705618	47.256	ng	100
80) Butylbenzylphthalate	20.620	149	1920032	56.044	ng	95
81) Benzo(a)anthracene	21.555	228	4421611	45.804	ng	100
82) 3,3'-Dichlorobenzidine	21.478	252	1502306	40.637	ng	99
83) Chrysene	21.625	228	4234930	44.606	ng	99
84) Bis(2-ethylhexyl)phtha...	21.461	149	2592635	50.081	ng	96
85) Di-n-octyl phthalate	22.647	149	4296257	51.212	ng	100
87) Indeno(1,2,3-cd)pyrene	28.353	276	5532900	46.923	ng #	94
88) Benzo(b)fluoranthene	23.734	252	5060592	50.513	ng	99
89) Benzo(k)fluoranthene	23.805	252	5016695	50.744	ng	99
90) Benzo(a)pyrene	24.592	252	4523183	49.979	ng	100
91) Dibenzo(a,h)anthracene	28.411	278	4613157	47.905	ng	98
92) Benzo(g,h,i)perylene	29.487	276	4499858	45.593	ng	97

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

