

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011824\
 Data File : BG060354.D
 Acq On : 18 Jan 2024 16:04
 Operator : MA/JU
 Sample : SP6400
 Misc : 8270/625.1 SPIKE
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP6400

Quant Time: Jan 18 16:39:38 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

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/23/2024
 Supervised By :mohammad ahmed 01/24/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.929	152	199051	20.000	ng	0.00
21) Naphthalene-d8	10.732	136	820422	20.000	ng	0.00
39) Acenaphthene-d10	14.568	164	621333	20.000	ng	0.00
64) Phenanthrene-d10	17.312	188	1688906	20.000	ng	0.00
76) Chrysene-d12	21.578	240	1645504	20.000	ng	0.00
86) Perylene-d12	24.739	264	1827784	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0d	0.000	ng	
7) Phenol-d6	0.000	99	0d	0.000	ng	
23) Nitrobenzene-d5	0.000	82	0d	0.000	ng	
42) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng	
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng	
79) Terphenyl-d14	0.000	244	0d	0.000	ng	
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.399	88	287109	51.937	ng	98
3) Pyridine	3.793	79	701851	44.999	ng	97
4) n-Nitrosodimethylamine	3.711	42	258670	52.992	ng	92
6) Aniline	7.253	93	942418	52.614	ng	99
8) 2-Chlorophenol	7.494	128	733322	61.143	ng	97
9) Benzaldehyde	7.065	77	675290	65.650	ng	96
10) Phenol	7.118	94	1131767	62.991	ng	98
11) bis(2-Chloroethyl)ether	7.348	93	810306	55.346	ng	94
12) 1,3-Dichlorobenzene	7.818	146	798299	53.028	ng	99
13) 1,4-Dichlorobenzene	7.964	146	815754	53.407	ng	97
14) 1,2-Dichlorobenzene	8.282	146	806902	51.375	ng	100
15) Benzyl Alcohol	8.164	79	712437	61.417	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.446	45	911049	51.269	ng	98
17) 2-Methylphenol	8.370	107	731034	59.237	ng	99
18) Hexachloroethane	9.010	117	272245	50.836	ng	97
19) n-Nitroso-di-n-propyla...	8.728	70	658460	53.090	ng	99
20) 3+4-Methylphenols	8.699	107	995887	59.853	ng	99
22) Acetophenone	8.746	105	1204180	53.396	ng	# 99
24) Nitrobenzene	9.134	77	899187	49.924	ng	96
25) Isophorone	9.651	82	1770576	50.745	ng	98
26) 2-Nitrophenol	9.845	139	388945	58.733	ng	98
27) 2,4-Dimethylphenol	9.903	122	602100	68.807	ng	96
28) bis(2-Chloroethoxy)met...	10.138	93	1142982	53.613	ng	99
29) 2,4-Dichlorophenol	10.379	162	847372	59.758	ng	99
30) 1,2,4-Trichlorobenzene	10.591	180	910202	51.594	ng	97
31) Naphthalene	10.785	128	2230057	51.855	ng	100
32) Benzoic acid	10.044	122	381486	49.076	ng	93
33) 4-Chloroaniline	10.890	127	483163	29.158	ng	98
34) Hexachlorobutadiene	11.067	225	556186	48.397	ng	99
35) Caprolactam	11.660	113	277443m	60.747	ng	
36) 4-Chloro-3-methylphenol	12.013	107	834245	57.911	ng	99
37) 2-Methylnaphthalene	12.389	142	1647940	51.667	ng	99
38) 1-Methylnaphthalene	12.612	142	1580309	49.341	ng	98
40) 1,2,4,5-Tetrachloroben...	12.759	216	1128418	51.136	ng	99
41) Hexachlorocyclopentadiene	12.735	237	1239129	169.133	ng	97
43) 2,4,6-Trichlorophenol	13.000	196	772148	54.984	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.070	196	860994	55.586	ng	98
46) 1,1'-Biphenyl	13.399	154	2372461	50.585	ng	100
47) 2-Chloronaphthalene	13.440	162	2002671	49.843	ng	99
48) 2-Nitroaniline	13.646	65	606761	60.639	ng	100
49) Acenaphthylene	14.286	152	3180331	57.480	ng	98
50) Dimethylphthalate	14.022	163	2584000	54.422	ng	100
51) 2,6-Dinitrotoluene	14.140	165	583523	57.594	ng	93
52) Acenaphthene	14.633	154	1787971	51.897	ng	99
53) 3-Nitroaniline	14.474	138	362022	39.214	ng	97
54) 2,4-Dinitrophenol	14.680	184	718336	112.973	ng	96
55) Dibenzofuran	14.962	168	3098876	53.881	ng	98
56) 4-Nitrophenol	14.786	139	995994	145.452	ng	98
57) 2,4-Dinitrotoluene	14.927	165	844807	60.807	ng	97
58) Fluorene	15.614	166	2563439	53.823	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.191	232	813435	61.844	ng	99
60) Diethylphthalate	15.385	149	2537645	55.670	ng	99
61) 4-Chlorophenyl-phenyle...	15.608	204	1384195	52.758	ng	99
62) 4-Nitroaniline	15.638	138	607184	61.796	ng	98
63) Azobenzene	15.896	77	2520588	54.671	ng	99
65) 4,6-Dinitro-2-methylph...	15.691	198	530540	56.783	ng	98
66) n-Nitrosodiphenylamine	15.820	169	2345808	52.310	ng	98
67) 4-Bromophenyl-phenylether	16.501	248	948402	51.106	ng	98
68) Hexachlorobenzene	16.619	284	1103785	50.248	ng	100
69) Atrazine	16.772	200	995929	58.897	ng	99
70) Pentachlorophenol	16.966	266	1374582	116.090	ng	95
71) Phenanthrene	17.359	178	4221034	51.707	ng	97
72) Anthracene	17.447	178	4300492	52.765	ng	97
73) Carbazole	17.718	167	4020517	52.325	ng	98
74) Di-n-butylphthalate	18.276	149	4144323	52.420	ng	98
75) Fluoranthene	19.369	202	4884332	49.815	ng	96
77) Benzidine	19.557	184	3905979	109.261	ng	95
78) Pyrene	19.733	202	5064962	48.200	ng	97
80) Butylbenzylphthalate	20.620	149	2052880	56.784	ng	99
81) Benzo(a)anthracene	21.560	228	5187431	50.923	ng	95
82) 3,3'-Dichlorobenzidine	21.478	252	1294774	33.189	ng	99
83) Chrysene	21.625	228	5021981	50.125	ng	95
84) Bis(2-ethylhexyl)phtha...	21.460	149	2955251	54.096	ng	95
85) Di-n-octyl phthalate	22.653	149	4844453	54.722	ng	100
87) Indeno(1,2,3-cd)pyrene	28.358	276	7057256	55.531	ng	# 95
88) Benzo(b)fluoranthene	23.740	252	5579552	51.673	ng	99
89) Benzo(k)fluoranthene	23.805	252	5580538	52.373	ng	99
90) Benzo(a)pyrene	24.592	252	5306643	54.404	ng	97
91) Dibenzo(a,h)anthracene	28.417	278	5738926	55.294	ng	99
92) Benzo(g,h,i)perylene	29.480	276	5474982	51.469	ng	99

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

