

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040324\
 Data File : BG060764.D
 Acq On : 3 Apr 2024 16:08
 Operator : MA/JU
 Sample : P1956-04MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RBR200010MS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 04/04/2024
 Supervised By :mohammad ahmed 04/05/2024

Quant Time: Apr 04 00:41:09 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 30 03:12:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.959	152	69765	20.000	ng	0.00
21) Naphthalene-d8	10.755	136	287781	20.000	ng	0.00
39) Acenaphthene-d10	14.586	164	213925	20.000	ng	0.00
64) Phenanthrene-d10	17.336	188	504358	20.000	ng	0.00
76) Chrysene-d12	21.601	240	476509	20.000	ng	0.00
86) Perylene-d12	24.745	264	568571	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.538	112	446508	106.620	ng	0.00
7) Phenol-d6	7.118	99	487968	78.497	ng	0.00
23) Nitrobenzene-d5	9.110	82	317518	62.958	ng	0.00
42) 2,4,6-Tribromophenol	16.073	330	269619	111.028	ng	0.00
45) 2-Fluorobiphenyl	13.211	172	801196	54.966	ng	0.00
79) Terphenyl-d14	19.956	244	1550385	57.291	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.458	88	68821	40.082	ng	97
3) Pyridine	3.846	79	184654	35.654	ng	90
4) n-Nitrosodimethylamine	3.763	42	147848	47.758	ng	95
6) Aniline	7.283	93	100537	12.807	ng	96
8) 2-Chlorophenol	7.524	128	185433	39.057	ng	97
9) Benzaldehyde	7.089	77	22351m	6.520	ng	
10) Phenol	7.148	94	245651	38.721	ng	98
11) bis(2-Chloroethyl)ether	7.377	93	171044	33.393	ng	97
12) 1,3-Dichlorobenzene	7.847	146	200156	40.540	ng	97
13) 1,4-Dichlorobenzene	7.994	146	209442	41.579	ng	96
14) 1,2-Dichlorobenzene	8.311	146	201331	40.785	ng	98
15) Benzyl Alcohol	8.188	79	182032	36.150	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.481	45	436142	37.730	ng	99
17) 2-Methylphenol	8.393	107	168996	35.286	ng	97
18) Hexachloroethane	9.040	117	74332	41.550	ng	89
19) n-Nitroso-di-n-propyla...	8.763	70	154766	32.647	ng	# 99
20) 3+4-Methylphenols	8.722	107	228639	34.862	ng	92
22) Acetophenone	8.775	105	302138	38.076	ng	# 98
24) Nitrobenzene	9.151	77	222709	40.153	ng	98
25) Isophorone	9.680	82	418047	35.988	ng	99
26) 2-Nitrophenol	9.862	139	93763	47.769	ng	89
27) 2,4-Dimethylphenol	9.927	122	140974	30.212	ng	100
28) bis(2-Chloroethoxy)met...	10.162	93	239028	34.854	ng	98
29) 2,4-Dichlorophenol	10.397	162	189295	44.177	ng	98
30) 1,2,4-Trichlorobenzene	10.614	180	210124	43.306	ng	98
31) Naphthalene	10.802	128	601971	38.669	ng	98
32) Benzoic acid	10.056	122	145164	46.935	ng	98
33) 4-Chloroaniline	10.902	127	77065	10.658	ng	96
34) Hexachlorobutadiene	11.096	225	140054	43.311	ng	99
35) Caprolactam	11.678	113	63239m	37.263	ng	
36) 4-Chloro-3-methylphenol	12.030	107	220118	40.213	ng	99
37) 2-Methylnaphthalene	12.412	142	423339	36.989	ng	98
38) 1-Methylnaphthalene	12.630	142	394833	36.518	ng	95
40) 1,2,4,5-Tetrachloroben...	12.782	216	264914	43.075	ng	99
41) Hexachlorocyclopentadiene	12.765	237	178669	57.134	ng	97
43) 2,4,6-Trichlorophenol	13.017	196	181553	45.845	ng	98

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44) 2,4,5-Trichlorophenol	13.088	196	202582	42.866	ng	97
46) 1,1'-Biphenyl	13.423	154	584281	38.668	ng	99
47) 2-Chloronaphthalene	13.464	162	465891	40.582	ng	98
48) 2-Nitroaniline	13.658	65	166796	45.279	ng	96
49) Acenaphthylene	14.310	152	788766	40.890	ng	100
50) Dimethylphthalate	14.046	163	607646	35.937	ng	99
51) 2,6-Dinitrotoluene	14.157	165	124571	41.646	ng	96
52) Acenaphthene	14.651	154	506002m	41.779	ng	
53) 3-Nitroaniline	14.480	138	83157	26.403	ng	94
54) 2,4-Dinitrophenol	14.686	184	107672	91.484	ng	90
55) Dibenzofuran	14.986	168	740993	38.788	ng	99
56) 4-Nitrophenol	14.792	139	239295	96.807	ng	98
57) 2,4-Dinitrotoluene	14.944	165	182390	46.515	ng	97
58) Fluorene	15.638	166	595617	38.847	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.209	232	188180	45.690	ng	99
60) Diethylphthalate	15.415	149	624773	36.726	ng	100
61) 4-Chlorophenyl-phenyle...	15.632	204	316491	39.018	ng	97
62) 4-Nitroaniline	15.650	138	127933	41.383	ng	98
63) Azobenzene	15.926	77	633334	38.206	ng	97
65) 4,6-Dinitro-2-methylph...	15.708	198	80228	39.930	ng	98
66) n-Nitrosodiphenylamine	15.843	169	556451	38.608	ng	100
67) 4-Bromophenyl-phenylether	16.531	248	218049	42.600	ng	100
68) Hexachlorobenzene	16.642	284	249648	43.205	ng	99
69) Atrazine	16.801	200	210048	41.676	ng	98
70) Pentachlorophenol	16.983	266	351878	93.329	ng	95
71) Phenanthrene	17.377	178	1052276	40.116	ng	100
72) Anthracene	17.465	178	1057184	39.686	ng	99
73) Carbazole	17.735	167	939576	40.004	ng	99
74) Di-n-butylphthalate	18.317	149	1133601	38.714	ng	100
75) Fluoranthene	19.392	202	1334287	41.920	ng	98
77) Benzidine	19.568	184	524520	41.803	ng	98
78) Pyrene	19.751	202	1410043	42.311	ng	99
80) Butylbenzylphthalate	20.655	149	518181	42.625	ng	99
81) Benzo(a)anthracene	21.584	228	1395827	41.556	ng	98
82) 3,3'-Dichlorobenzidine	21.496	252	349847	30.847	ng	99
83) Chrysene	21.648	228	1338289	41.338	ng	100
84) Bis(2-ethylhexyl)phtha...	21.525	149	774474	39.970	ng	97
85) Di-n-octyl phthalate	22.729	149	1358898	43.049	ng	# 98
87) Indeno(1,2,3-cd)pyrene	28.317	276	1498568	37.428	ng	# 95
88) Benzo(b)fluoranthene	23.758	252	1410420	43.179	ng	99
89) Benzo(k)fluoranthene	23.822	252	1370298	40.986	ng	98
90) Benzo(a)pyrene	24.598	252	1293942	40.763	ng	97
91) Dibenzo(a,h)anthracene	28.388	278	1253828	37.148	ng	95
92) Benzo(g,h,i)perylene	29.422	276	1046749	31.881	ng	98

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

