

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030222\
 Data File : BG052534.D
 Acq On : 2 Mar 2022 12:20
 Operator : CG/JU
 Sample : PB142974BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB142974BSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/03/2022
 Supervised By : Jagrut Upadhyay 03/03/2022

Quant Time: Mar 03 02:25:19 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 08 01:21:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.218	152	30483	20.000	ng	0.00
21) Naphthalene-d8	11.056	136	131352	20.000	ng	#-0.01
39) Acenaphthene-d10	14.868	164	97130	20.000	ng	0.00
64) Phenanthrene-d10	17.617	188	243297	20.000	ng	0.00
76) Chrysene-d12	21.935	240	237342	20.000	ng	# 0.00
86) Perylene-d12	25.401	264	244940	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.751	112	271310	155.121	ng	0.00
7) Phenol-d6	7.372	99	375769	139.244	ng	0.00
23) Nitrobenzene-d5	9.393	82	248612	82.260	ng	0.00
42) 2,4,6-Tribromophenol	16.354	330	198176	142.018	ng	0.00
45) 2-Fluorobiphenyl	13.488	172	598856	85.672	ng	0.00
79) Terphenyl-d14	20.208	244	1195024	88.912	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.577	88	26126	32.440	ng	91
3) Pyridine	3.989	79	67077	28.717	ng	94
4) n-Nitrosodimethylamine	3.895	42	46098	38.222	ng	# 73
6) Aniline	7.531	93	130078	41.489	ng	96
8) 2-Chlorophenol	7.784	128	98267	51.073	ng	96
9) Benzaldehyde	7.343	77	60300	38.872	ng	97
10) Phenol	7.402	94	135293	50.457	ng	90
11) bis(2-Chloroethyl)ether	7.619	93	89200	43.522	ng	95
12) 1,3-Dichlorobenzene	8.107	146	100598	45.889	ng	94
13) 1,4-Dichlorobenzene	8.254	146	102953	46.068	ng	98
14) 1,2-Dichlorobenzene	8.582	146	99237	45.025	ng	90
15) Benzyl Alcohol	8.453	79	104572	46.690	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.747	45	121909	41.192	ng	96
17) 2-Methylphenol	8.665	107	90270	51.019	ng	93
18) Hexachloroethane	9.323	117	34608	44.536	ng	87
19) n-Nitroso-di-n-propyla...	9.029	70	86394	42.465	ng	92
20) 3+4-Methylphenols	8.994	107	122323	48.323	ng	93
22) Acetophenone	9.047	105	153692	44.272	ng	# 90
24) Nitrobenzene	9.434	77	126211	44.024	ng	93
25) Isophorone	9.963	82	232057	45.126	ng	99
26) 2-Nitrophenol	10.157	139	58233	47.923	ng	89
27) 2,4-Dimethylphenol	10.210	122	99750	55.444	ng	92
28) bis(2-Chloroethoxy)met...	10.439	93	126212	43.247	ng	99
29) 2,4-Dichlorophenol	10.703	162	105637	48.986	ng	98
30) 1,2,4-Trichlorobenzene	10.915	180	110108	43.726	ng	98
31) Naphthalene	11.108	128	308253	44.765	ng	97
32) Benzoic acid	10.368	122	47871	42.005	ng	94
33) 4-Chloroaniline	11.208	127	73070	25.416	ng	98
34) Hexachlorobutadiene	11.396	225	71573	42.086	ng	96
35) Caprolactam	11.984	113	39582m	50.366	ng	
36) 4-Chloro-3-methylphenol	12.330	107	118993	48.502	ng	97
37) 2-Methylnaphthalene	12.706	142	234485	45.846	ng	98
38) 1-Methylnaphthalene	12.924	142	222425	44.880	ng	# 98
40) 1,2,4,5-Tetrachloroben...	13.070	216	140448	43.962	ng	99
41) Hexachlorocyclopentadiene	13.053	237	154795	99.237	ng	92
43) 2,4,6-Trichlorophenol	13.305	196	97810	46.812	ng	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.382	196	106500	47.035	ng	93
46) 1,1'-Biphenyl	13.699	154	325586	45.713	ng	99
47) 2-Chloronaphthalene	13.752	162	249197	45.414	ng	97
48) 2-Nitroaniline	13.946	65	87643	44.863	ng	88
49) Acenaphthylene	14.592	152	419421	46.955	ng	99
50) Dimethylphthalate	14.310	163	343326	46.142	ng	99
51) 2,6-Dinitrotoluene	14.428	165	78659	48.989	ng	# 89
52) Acenaphthene	14.933	154	300101m	51.300	ng	
53) 3-Nitroaniline	14.762	138	55204	33.077	ng	98
54) 2,4-Dinitrophenol	14.974	184	91776	91.545	ng	97
55) Dibenzofuran	15.268	168	402064	43.703	ng	99
56) 4-Nitrophenol	15.080	139	122752	97.939	ng	# 85
57) 2,4-Dinitrotoluene	15.221	165	116731	51.079	ng	# 82
58) Fluorene	15.914	166	339939	46.286	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.491	232	102405	47.342	ng	# 96
60) Diethylphthalate	15.667	149	354068	47.106	ng	97
61) 4-Chlorophenyl-phenyle...	15.896	204	186530	44.586	ng	97
62) 4-Nitroaniline	15.925	138	82503	46.957	ng	# 83
63) Azobenzene	16.190	77	334329	43.449	ng	94
65) 4,6-Dinitro-2-methylph...	15.990	198	65784	44.947	ng	88
66) n-Nitrosodiphenylamine	16.108	169	307502	45.872	ng	97
67) 4-Bromophenyl-phenylether	16.795	248	131729	44.522	ng	95
68) Hexachlorobenzene	16.924	284	146339	45.602	ng	92
69) Atrazine	17.053	200	133012	49.079	ng	97
70) Pentachlorophenol	17.271	266	156251	99.526	ng	97
71) Phenanthrene	17.658	178	569440	45.402	ng	99
72) Anthracene	17.752	178	579870	47.180	ng	100
73) Carbazole	18.017	167	542497	45.257	ng	98
74) Di-n-butylphthalate	18.557	149	619534	47.436	ng	99
75) Fluoranthene	19.662	202	736822	46.137	ng	98
77) Benzidine	19.832	184	308823	60.894	ng	98
78) Pyrene	20.026	202	731826	46.081	ng	99
80) Butylbenzylphthalate	20.889	149	266331	48.278	ng	95
81) Benzo(a)anthracene	21.911	228	714563	45.497	ng	99
82) 3,3'-Dichlorobenzidine	21.812	252	195545	35.664	ng	97
83) Chrysene	21.982	228	668508	44.918	ng	100
84) Bis(2-ethylhexyl)phtha...	21.788	149	376407	49.207	ng	98
85) Di-n-octyl phthalate	23.080	149	631975	49.277	ng	# 94
87) Indeno(1,2,3-cd)pyrene	29.413	276	821322	45.822	ng	# 94
88) Benzo(b)fluoranthene	24.291	252	740487	48.513	ng	99
89) Benzo(k)fluoranthene	24.367	252	726494	48.181	ng	97
90) Benzo(a)pyrene	25.236	252	720420	55.874	ng	98
91) Dibenzo(a,h)anthracene	29.472	278	699863	47.266	ng	97
92) Benzo(g,h,i)perylene	30.664	276	695916	47.891	ng	97

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

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