

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082824\
 Data File : BG062592.D
 Acq On : 28 Aug 2024 12:22
 Operator : MA/JU
 Sample : PB163031BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB163031BS

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/29/2024
 Supervised By :mohammad ahmed 08/30/2024

Quant Time: Aug 28 12:56:46 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 28 00:59:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.931	152	74892	20.000	ng	0.00
21) Naphthalene-d8	10.728	136	342142	20.000	ng	# 0.00
39) Acenaphthene-d10	14.559	164	261734	20.000	ng	0.00
64) Phenanthrene-d10	17.303	188	645903	20.000	ng	0.00
76) Chrysene-d12	21.551	240	674833	20.000	ng	0.00
86) Perylene-d12	24.630	264	687755	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.523	112	628410	150.526	ng	0.00
7) Phenol-d6	7.109	99	829516	139.497	ng	0.00
23) Nitrobenzene-d5	9.089	82	483383	93.764	ng	0.00
42) 2,4,6-Tribromophenol	16.045	330	415451	143.694	ng	0.00
45) 2-Fluorobiphenyl	13.184	172	1270278	79.803	ng	0.00
79) Terphenyl-d14	19.917	244	2611300	80.903	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.425	88	53230	26.766	ng	96
3) Pyridine	3.819	79	129777	23.977	ng	97
4) n-Nitrosodimethylamine	3.736	42	109525	37.992	ng	92
6) Aniline	7.256	93	158879	28.308	ng	100
8) 2-Chlorophenol	7.503	128	232619	51.719	ng	95
9) Benzaldehyde	7.068	77	55141m	14.689	ng	
10) Phenol	7.132	94	321526	52.099	ng	98
11) bis(2-Chloroethyl)ether	7.356	93	225974	45.029	ng	98
12) 1,3-Dichlorobenzene	7.826	146	221669	42.089	ng	98
13) 1,4-Dichlorobenzene	7.967	146	227266	42.349	ng	98
14) 1,2-Dichlorobenzene	8.284	146	224414	42.736	ng	100
15) Benzyl Alcohol	8.172	79	222594	53.768	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.448	45	438266	45.979	ng	99
17) 2-Methylphenol	8.378	107	206053	49.986	ng	97
18) Hexachloroethane	9.013	117	77622	43.352	ng	96
19) n-Nitroso-di-n-propyla...	8.736	70	199548	50.108	ng	97
20) 3+4-Methylphenols	8.701	107	288573	51.194	ng	99
22) Acetophenone	8.748	105	342924	40.165	ng	# 99
24) Nitrobenzene	9.130	77	270795	48.505	ng	99
25) Isophorone	9.653	82	568198	45.437	ng	99
26) 2-Nitrophenol	9.841	139	98235	51.474	ng	99
27) 2,4-Dimethylphenol	9.900	122	188019	57.531	ng	99
28) bis(2-Chloroethoxy)met...	10.135	93	337815	46.605	ng	97
29) 2,4-Dichlorophenol	10.376	162	255420	52.791	ng	96
30) 1,2,4-Trichlorobenzene	10.587	180	262913	44.482	ng	95
31) Naphthalene	10.775	128	722111	42.284	ng	99
32) Benzoic acid	10.047	122	139354m	51.547	ng	
33) 4-Chloroaniline	10.881	127	163824	26.407	ng	98
34) Hexachlorobutadiene	11.063	225	159791	41.440	ng	93
35) Caprolactam	11.656	113	69458m	53.275	ng	
36) 4-Chloro-3-methylphenol	12.009	107	263890	50.337	ng	99
37) 2-Methylnaphthalene	12.379	142	519273	45.129	ng	96
38) 1-Methylnaphthalene	12.602	142	497202	43.185	ng	100
40) 1,2,4,5-Tetrachloroben...	12.749	216	294549	39.512	ng	99
41) Hexachlorocyclopentadiene	12.732	237	203254	108.444	ng	96
43) 2,4,6-Trichlorophenol	12.990	196	210286	49.286	ng	94

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44) 2,4,5-Trichlorophenol	13.067	196	239336	47.598	ng	97
46) 1,1'-Biphenyl	13.390	154	693290	39.589	ng	99
47) 2-Chloronaphthalene	13.431	162	597924	42.778	ng	97
48) 2-Nitroaniline	13.631	65	157758	52.882	ng	97
49) Acenaphthylene	14.277	152	1005966	47.211	ng	98
50) Dimethylphthalate	14.013	163	817655	48.075	ng	100
51) 2,6-Dinitrotoluene	14.130	165	145162	44.290	ng	94
52) Acenaphthene	14.624	154	562618	42.797	ng	98
53) 3-Nitroaniline	14.459	138	110573	39.156	ng	# 98
54) 2,4-Dinitrophenol	14.665	184	166686	107.713	ng	95
55) Dibenzofuran	14.959	168	999505	44.342	ng	99
56) 4-Nitrophenol	14.776	139	284677	106.692	ng	97
57) 2,4-Dinitrotoluene	14.917	165	213811	55.019	ng	99
58) Fluorene	15.605	166	768134	43.395	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.182	232	235478	51.443	ng	97
60) Diethylphthalate	15.382	149	815139	50.012	ng	99
61) 4-Chlorophenyl-phenyle...	15.599	204	412062	43.804	ng	98
62) 4-Nitroaniline	15.628	138	168720	53.839	ng	98
63) Azobenzene	15.893	77	843149	45.524	ng	98
65) 4,6-Dinitro-2-methylph...	15.681	198	125113	57.258	ng	96
66) n-Nitrosodiphenylamine	15.810	169	727934	46.400	ng	98
67) 4-Bromophenyl-phenylether	16.492	248	279646	44.979	ng	97
68) Hexachlorobenzene	16.610	284	317791	44.236	ng	98
69) Atrazine	16.762	200	226696	53.123	ng	98
70) Pentachlorophenol	16.950	266	373720	86.800	ng	96
71) Phenanthrene	17.344	178	1384286	44.504	ng	99
72) Anthracene	17.432	178	1379704	45.335	ng	100
73) Carbazole	17.702	167	1298969	46.005	ng	99
74) Di-n-butylphthalate	18.266	149	1342723	54.357	ng	99
75) Fluoranthene	19.353	202	1736162	44.586	ng	99
77) Benzidine	19.536	184	134662	15.704	ng	98
78) Pyrene	19.718	202	1823715	42.505	ng	100
80) Butylbenzylphthalate	20.611	149	508784	52.160	ng	98
81) Benzo(a)anthracene	21.527	228	1960070	45.606	ng	99
82) 3,3'-Dichlorobenzidine	21.451	252	444249	39.078	ng	99
83) Chrysene	21.598	228	1872740	44.531	ng	98
84) Bis(2-ethylhexyl)phtha...	21.451	149	773517	56.955	ng	99
85) Di-n-octyl phthalate	22.614	149	1390027	54.207	ng	94
87) Indeno(1,2,3-cd)pyrene	28.120	276	2288968	52.777	ng	# 96
88) Benzo(b)fluoranthene	23.660	252	1914901	49.710	ng	100
89) Benzo(k)fluoranthene	23.725	252	1980391	51.816	ng	99
90) Benzo(a)pyrene	24.489	252	1798319	53.103	ng	99
91) Dibenzo(a,h)anthracene	28.184	278	1891126	52.764	ng	98
92) Benzo(g,h,i)perylene	29.212	276	1792071	49.183	ng	98

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

