

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082123\
 Data File : BG058787.D
 Acq On : 21 Aug 2023 10:17
 Operator : MA/JU
 Sample : PB154945BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB154945BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/22/2023
 Supervised By :mohammad ahmed 08/22/2023

Quant Time: Aug 22 01:23:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 01:40:57 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.807	152	21713	20.000	ng	0.00
21) Naphthalene-d8	10.609	136	103272	20.000	ng	0.00
39) Acenaphthene-d10	14.458	164	75648	20.000	ng	0.00
64) Phenanthrene-d10	17.202	188	193761	20.000	ng	0.00
76) Chrysene-d12	21.450	240	161645	20.000	ng	0.00
86) Perylene-d12	24.517	264	176407	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.386	112	241387	178.904	ng	0.00
7) Phenol-d6	6.984	99	325052	171.710	ng	0.00
23) Nitrobenzene-d5	8.976	82	200693	93.431	ng	0.00
42) 2,4,6-Tribromophenol	15.950	330	160555	135.359	ng	0.00
45) 2-Fluorobiphenyl	13.077	172	457003	87.866	ng	0.00
79) Terphenyl-d14	19.822	244	847969	94.194	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.259	88	27394	43.184	ng	95
3) Pyridine	3.659	79	71457	42.628	ng	98
4) n-Nitrosodimethylamine	3.576	42	48973	53.738	ng	# 98
6) Aniline	7.137	93	103386	44.677	ng	99
8) 2-Chlorophenol	7.372	128	88763	65.064	ng	100
9) Benzaldehyde	6.949	77	40235m	37.891	ng	
10) Phenol	7.014	94	120056	65.770	ng	96
11) bis(2-Chloroethyl)ether	7.231	93	83555	58.662	ng	99
12) 1,3-Dichlorobenzene	7.695	146	85428	58.953	ng	99
13) 1,4-Dichlorobenzene	7.842	146	88026	60.071	ng	96
14) 1,2-Dichlorobenzene	8.159	146	85895	60.647	ng	100
15) Benzyl Alcohol	8.054	79	85537	63.198	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.336	45	178870	58.926	ng	99
17) 2-Methylphenol	8.259	107	80939	60.370	ng	98
18) Hexachloroethane	8.888	117	32075	60.077	ng	97
19) n-Nitroso-di-n-propyla...	8.618	70	69616	56.891	ng	99
20) 3+4-Methylphenols	8.588	107	110043	61.050	ng	99
22) Acetophenone	8.635	105	139939	50.058	ng	# 97
24) Nitrobenzene	9.017	77	103712	48.545	ng	97
25) Isophorone	9.534	82	203033	47.530	ng	99
26) 2-Nitrophenol	9.728	139	47154	52.774	ng	93
27) 2,4-Dimethylphenol	9.787	122	78346	51.737	ng	98
28) bis(2-Chloroethoxy)met...	10.022	93	112341	49.649	ng	98
29) 2,4-Dichlorophenol	10.263	162	86268	55.440	ng	98
30) 1,2,4-Trichlorobenzene	10.474	180	94221	50.143	ng	98
31) Naphthalene	10.662	128	262868	48.478	ng	99
32) Benzoic acid	9.963	122	41025	44.659	ng	97
33) 4-Chloroaniline	10.774	127	71362	31.205	ng	97
34) Hexachlorobutadiene	10.938	225	61951	48.850	ng	98
35) Caprolactam	11.555	113	28561m	51.222	ng	
36) 4-Chloro-3-methylphenol	11.908	107	100117	51.737	ng	97
37) 2-Methylnaphthalene	12.272	142	183046	47.001	ng	99
38) 1-Methylnaphthalene	12.495	142	177623	48.047	ng	99
40) 1,2,4,5-Tetrachloroben...	12.648	216	108896	46.694	ng	99
41) Hexachlorocyclopentadiene	12.619	237	100183	105.986	ng	98
43) 2,4,6-Trichlorophenol	12.889	196	75979	51.201	ng	99

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44) 2,4,5-Trichlorophenol	12.971	196	82678	46.527	ng	97
46) 1,1'-Biphenyl	13.289	154	246741	47.348	ng	98
47) 2-Chloronaphthalene	13.330	162	198930	48.984	ng	98
48) 2-Nitroaniline	13.547	65	73948	47.944	ng	98
49) Acenaphthylene	14.182	152	323580	48.046	ng	98
50) Dimethylphthalate	13.917	163	269821	46.066	ng	99
51) 2,6-Dinitrotoluene	14.041	165	60656	49.293	ng	98
52) Acenaphthene	14.522	154	183124	46.530	ng	99
53) 3-Nitroaniline	14.376	138	40693	34.287	ng	99
54) 2,4-Dinitrophenol	14.593	184	64216	92.220	ng	98
55) Dibenzofuran	14.857	168	313657	46.202	ng	97
56) 4-Nitrophenol	14.693	139	85070	98.018	ng	99
57) 2,4-Dinitrotoluene	14.834	165	85645	49.900	ng	94
58) Fluorene	15.510	166	254271	47.063	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.086	232	73227	50.498	ng	98
60) Diethylphthalate	15.275	149	283310	46.913	ng	99
61) 4-Chlorophenyl-phenyle...	15.498	204	139677	46.642	ng	97
62) 4-Nitroaniline	15.545	138	60332	50.092	ng	97
63) Azobenzene	15.792	77	259117	46.728	ng	99
65) 4,6-Dinitro-2-methylph...	15.598	198	50924	46.496	ng	96
66) n-Nitrosodiphenylamine	15.715	169	227632	45.582	ng	99
67) 4-Bromophenyl-phenylether	16.391	248	95311	44.826	ng	98
68) Hexachlorobenzene	16.514	284	109166	47.704	ng	97
69) Atrazine	16.667	200	96378	54.532	ng	99
70) Pentachlorophenol	16.861	266	100859	84.052	ng	97
71) Phenanthrene	17.249	178	426039	45.801	ng	100
72) Anthracene	17.337	178	432084	46.315	ng	100
73) Carbazole	17.613	167	403344	47.212	ng	99
74) Di-n-butylphthalate	18.159	149	501325	46.517	ng	99
75) Fluoranthene	19.264	202	522774	45.319	ng	99
77) Benzidine	19.446	184	205698	71.004	ng	98
78) Pyrene	19.622	202	536564	47.640	ng	99
80) Butylbenzylphthalate	20.510	149	224691	49.189	ng	98
81) Benzo(a)anthracene	21.426	228	545028	48.438	ng	99
82) 3,3'-Dichlorobenzidine	21.350	252	152918	39.364	ng	97
83) Chrysene	21.491	228	502729	46.353	ng	99
84) Bis(2-ethylhexyl)phtha...	21.332	149	324017	48.364	ng	99
85) Di-n-octyl phthalate	22.478	149	567056	49.210	ng	99
87) Indeno(1,2,3-cd)pyrene	28.024	276	683141	57.238	ng	# 93
88) Benzo(b)fluoranthene	23.547	252	584285	59.694	ng	97
89) Benzo(k)fluoranthene	23.606	252	552594	54.743	ng	100
90) Benzo(a)pyrene	24.376	252	513739	53.305	ng	99
91) Dibenzo(a,h)anthracene	28.071	278	566123	57.725	ng	98
92) Benzo(g,h,i)perylene	29.117	276	552482	56.345	ng	97

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

