

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081723\
 Data File : BG058757.D
 Acq On : 17 Aug 2023 11:13
 Operator : MA/JU
 Sample : PB154866BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB154866BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/18/2023

Supervised By :mohammad ahmed 08/18/2023

Quant Time: Aug 18 01:50:35 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Jul 28 22:29:07 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.809	152	23013	20.000	ng	0.00
21) Naphthalene-d8	10.612	136	100803	20.000	ng	0.00
39) Acenaphthene-d10	14.460	164	75199	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	189457	20.000	ng	0.00
76) Chrysene-d12	21.452	240	161284	20.000	ng	0.00
86) Perylene-d12	24.519	264	202390	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.383	112	221997	147.444	ng	0.00
7) Phenol-d6	6.987	99	304330	145.260	ng	0.00
23) Nitrobenzene-d5	8.979	82	188900	92.058	ng	0.00
42) 2,4,6-Tribromophenol	15.953	330	161374	130.925	ng	0.00
45) 2-Fluorobiphenyl	13.080	172	445110	88.703	ng	0.00
79) Terphenyl-d14	19.825	244	833132	97.141	ng	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.262	88	26136	35.823	ng	# 87
3) Pyridine	3.655	79	68216	34.295	ng	# 81
4) n-Nitrosodimethylamine	3.579	42	44299	52.562	ng	# 76
6) Aniline	7.134	93	96699	37.488	ng	95
8) 2-Chlorophenol	7.375	128	83379	56.449	ng	97
9) Benzaldehyde	6.946	77	38110	33.481	ng	96
10) Phenol	7.010	94	114622	56.007	ng	92
11) bis(2-Chloroethyl)ether	7.234	93	76872	47.645	ng	91
12) 1,3-Dichlorobenzene	7.698	146	80991	51.350	ng	97
13) 1,4-Dichlorobenzene	7.845	146	82936	52.369	ng	99
14) 1,2-Dichlorobenzene	8.162	146	80194	52.964	ng	99
15) Benzyl Alcohol	8.050	79	82578	62.152	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.338	45	165243m	63.049	ng	
17) 2-Methylphenol	8.256	107	78520	52.473	ng	98
18) Hexachloroethane	8.885	117	30349	52.724	ng	93
19) n-Nitroso-di-n-propyla...	8.614	70	66892	49.430	ng	89
20) 3+4-Methylphenols	8.591	107	105824	52.282	ng	98
22) Acetophenone	8.632	105	130386	48.307	ng	# 94
24) Nitrobenzene	9.020	77	100521	48.186	ng	94
25) Isophorone	9.537	82	194003	45.758	ng	99
26) 2-Nitrophenol	9.731	139	44705	49.231	ng	98
27) 2,4-Dimethylphenol	9.789	122	75802	50.325	ng	97
28) bis(2-Chloroethoxy)met...	10.018	93	109619	47.510	ng	99
29) 2,4-Dichlorophenol	10.265	162	84263	53.879	ng	97
30) 1,2,4-Trichlorobenzene	10.477	180	90185	50.003	ng	95
31) Naphthalene	10.659	128	250169	47.087	ng	98
32) Benzoic acid	9.960	122	43731m	38.978	ng	
33) 4-Chloroaniline	10.776	127	72016	32.082	ng	99
34) Hexachlorobutadiene	10.941	225	57641	49.626	ng	98
35) Caprolactam	11.558	113	29354m	50.828	ng	
36) 4-Chloro-3-methylphenol	11.910	107	102958	53.219	ng	97
37) 2-Methylnaphthalene	12.275	142	178747	47.034	ng	96
38) 1-Methylnaphthalene	12.498	142	171371	47.437	ng	98
40) 1,2,4,5-Tetrachloroben...	12.651	216	106421	46.096	ng	99
41) Hexachlorocyclopentadiene	12.621	237	92059	85.352	ng	100
43) 2,4,6-Trichlorophenol	12.892	196	76184	47.976	ng	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.974	196	84524	45.191	ng	95
46) 1,1'-Biphenyl	13.291	154	241833	46.828	ng	98
47) 2-Chloronaphthalene	13.332	162	196218	48.730	ng	99
48) 2-Nitroaniline	13.544	65	78355	50.981	ng	96
49) Acenaphthylene	14.184	152	326328	48.406	ng	99
50) Dimethylphthalate	13.920	163	273036	48.345	ng	100
51) 2,6-Dinitrotoluene	14.043	165	61247	49.425	ng	96
52) Acenaphthene	14.525	154	185672	47.665	ng	99
53) 3-Nitroaniline	14.372	138	43856	35.373	ng	95
54) 2,4-Dinitrophenol	14.595	184	62529	88.622	ng	93
55) Dibenzofuran	14.860	168	317953	47.502	ng	96
56) 4-Nitrophenol	14.695	139	85964	93.008	ng	87
57) 2,4-Dinitrotoluene	14.836	165	89103	51.865	ng	94
58) Fluorene	15.506	166	260573	49.004	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.089	232	77166	48.349	ng	98
60) Diethylphthalate	15.277	149	287288	49.932	ng	100
61) 4-Chlorophenyl-phenyle...	15.500	204	141604	47.767	ng	97
62) 4-Nitroaniline	15.541	138	61321	52.212	ng	87
63) Azobenzene	15.794	77	266880	47.093	ng	96
65) 4,6-Dinitro-2-methylph...	15.606	198	51380	49.184	ng	97
66) n-Nitrosodiphenylamine	15.718	169	233488	47.351	ng	97
67) 4-Bromophenyl-phenylether	16.393	248	98134	45.668	ng	97
68) Hexachlorobenzene	16.511	284	110715	48.622	ng	98
69) Atrazine	16.670	200	97569	58.614	ng	97
70) Pentachlorophenol	16.863	266	98367	71.371	ng	98
71) Phenanthrene	17.251	178	429736	47.829	ng	99
72) Anthracene	17.339	178	440431	47.773	ng	99
73) Carbazole	17.615	167	401916	49.438	ng	99
74) Di-n-butylphthalate	18.162	149	500726	49.173	ng	99
75) Fluoranthene	19.266	202	522280	48.392	ng	96
77) Benzidine	19.449	184	199137	81.423	ng	97
78) Pyrene	19.625	202	538986	49.105	ng	98
80) Butylbenzylphthalate	20.512	149	222251	49.295	ng	98
81) Benzo(a)anthracene	21.429	228	540914	48.734	ng	99
82) 3,3'-Dichlorobenzidine	21.352	252	167383	44.602	ng	99
83) Chrysene	21.493	228	502297	47.199	ng	99
84) Bis(2-ethylhexyl)phtha...	21.335	149	324097	49.191	ng	99
85) Di-n-octyl phthalate	22.480	149	570955	49.290	ng	97
87) Indeno(1,2,3-cd)pyrene	28.027	276	668379	49.641	ng	98
88) Benzo(b)fluoranthene	23.550	252	567562	51.704	ng	99
89) Benzo(k)fluoranthene	23.614	252	550778	49.945	ng	99
90) Benzo(a)pyrene	24.378	252	506525	46.986	ng	99
91) Dibenzo(a,h)anthracene	28.080	278	553931	49.755	ng	98
92) Benzo(g,h,i)perylene	29.120	276	528459	47.337	ng	99

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

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