

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052723\
 Data File : BG057600.D
 Acq On : 27 May 2023 2:02
 Operator : CG/JU
 Sample : PB153078BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB153078BS

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/31/2023

Supervised By :Yogesh Patel 06/01/2023

Quant Time: May 27 02:40:14 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG052723.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri May 26 23:44:40 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.343	152	16713	20.000	ng	0.00
21) Naphthalene-d8	11.186	136	74474	20.000	ng	0.00
39) Acenaphthene-d10	14.969	164	62088	20.000	ng	0.00
64) Phenanthrene-d10	17.707	188	172544	20.000	ng	0.00
76) Chrysene-d12	22.018	240	157116	20.000	ng	0.00
86) Perylene-d12	25.520	264	170715	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.864	112	150462	156.404	ng	0.00
7) Phenol-d6	7.491	99	230320	152.983	ng	0.00
23) Nitrobenzene-d5	9.530	82	139431	87.519	ng	0.00
42) 2,4,6-Tribromophenol	16.455	330	135142	135.952	ng	0.00
45) 2-Fluorobiphenyl	13.589	172	368641	85.327	ng	0.00
79) Terphenyl-d14	20.280	244	865991	95.477	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.649	88	14511	36.407	ng	97
3) Pyridine	4.078	79	40860	33.532	ng	99
4) n-Nitrosodimethylamine	3.990	42	22102	44.828	ng	94
6) Aniline	7.661	93	71596	39.310	ng	97
8) 2-Chlorophenol	7.908	128	56197	54.413	ng	95
9) Benzaldehyde	7.473	77	34299	34.386	ng	97
10) Phenol	7.520	94	79987	56.133	ng	99
11) bis(2-Chloroethyl)ether	7.744	93	49838	46.840	ng	96
12) 1,3-Dichlorobenzene	8.231	146	53865	48.955	ng	98
13) 1,4-Dichlorobenzene	8.384	146	55939	49.972	ng	99
14) 1,2-Dichlorobenzene	8.707	146	55348	50.692	ng	96
15) Benzyl Alcohol	8.584	79	60458	52.203	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.866	45	63659	48.183	ng	97
17) 2-Methylphenol	8.789	107	53837	51.449	ng	97
18) Hexachloroethane	9.441	117	19809	51.681	ng	91
19) n-Nitroso-di-n-propyla...	9.148	70	49284	47.119	ng	97
20) 3+4-Methylphenols	9.118	107	75083	51.113	ng	98
22) Acetophenone	9.177	105	89710	45.048	ng	# 98
24) Nitrobenzene	9.571	77	71439	44.175	ng	98
25) Isophorone	10.088	82	137340	43.859	ng	98
26) 2-Nitrophenol	10.287	139	32483	46.847	ng	97
27) 2,4-Dimethylphenol	10.334	122	61680	51.451	ng	98
28) bis(2-Chloroethoxy)met...	10.563	93	73906	45.515	ng	98
29) 2,4-Dichlorophenol	10.834	162	63936	50.779	ng	98
30) 1,2,4-Trichlorobenzene	11.039	180	61790	45.029	ng	97
31) Naphthalene	11.233	128	173790	44.113	ng	97
32) Benzoic acid	10.493	122	31400	45.352	ng	90
33) 4-Chloroaniline	11.345	127	47943	26.463	ng	95
34) Hexachlorobutadiene	11.503	225	41246	43.457	ng	97
35) Caprolactam	12.114	113	25780m	49.391	ng	
36) 4-Chloro-3-methylphenol	12.443	107	76267	51.174	ng	96
37) 2-Methylnaphthalene	12.819	142	134343	43.448	ng	97
38) 1-Methylnaphthalene	13.037	142	127443	43.191	ng	99
40) 1,2,4,5-Tetrachloroben...	13.178	216	88650	43.500	ng	99
41) Hexachlorocyclopentadiene	13.148	237	56424	96.539	ng	97
43) 2,4,6-Trichlorophenol	13.418	196	61134	47.650	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.501	196	68418	44.775	ng	97
46) 1,1'-Biphenyl	13.800	154	199249	44.901	ng	99
47) 2-Chloronaphthalene	13.853	162	151449	45.311	ng	97
48) 2-Nitroaniline	14.059	65	54928	46.915	ng	98
49) Acenaphthylene	14.693	152	252281	44.573	ng	99
50) Dimethylphthalate	14.405	163	227533	44.464	ng	99
51) 2,6-Dinitrotoluene	14.540	165	51481	46.997	ng	95
52) Acenaphthene	15.034	154	154070	44.487	ng	98
53) 3-Nitroaniline	14.875	138	32858	28.759	ng	93
54) 2,4-Dinitrophenol	15.093	184	61733	92.217	ng	97
55) Dibenzofuran	15.363	168	263924	44.598	ng	99
56) 4-Nitrophenol	15.187	139	77136	101.329	ng	98
57) 2,4-Dinitrotoluene	15.328	165	78360	47.777	ng	99
58) Fluorene	16.009	166	224932	45.017	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.592	232	69026	48.218	ng	# 98
60) Diethylphthalate	15.751	149	243815	45.649	ng	99
61) 4-Chlorophenyl-phenyle...	15.985	204	126031	45.260	ng	99
62) 4-Nitroaniline	16.038	138	54313	44.068	ng	98
63) Azobenzene	16.279	77	217683	45.828	ng	99
65) 4,6-Dinitro-2-methylph...	16.097	198	52512	49.983	ng	97
66) n-Nitrosodiphenylamine	16.203	169	208478	46.487	ng	99
67) 4-Bromophenyl-phenylether	16.878	248	88690	45.823	ng	99
68) Hexachlorobenzene	17.014	284	95075	47.654	ng	99
69) Atrazine	17.137	200	96791	50.270	ng	97
70) Pentachlorophenol	17.360	266	90706	89.227	ng	98
71) Phenanthrene	17.754	178	410622	46.504	ng	99
72) Anthracene	17.842	178	413387	45.637	ng	99
73) Carbazole	18.112	167	375799	46.376	ng	99
74) Di-n-butylphthalate	18.623	149	426157	44.301	ng	99
75) Fluoranthene	19.745	202	511940	44.661	ng	99
77) Benzidine	19.910	184	272697	57.357	ng	99
78) Pyrene	20.103	202	518249	46.326	ng	98
80) Butylbenzylphthalate	20.949	149	189045	46.400	ng	98
81) Benzo(a)anthracene	22.001	228	512169	46.987	ng	100
82) 3,3'-Dichlorobenzidine	21.895	252	135639	33.744	ng	96
83) Chrysene	22.071	228	461413	44.794	ng	100
84) Bis(2-ethylhexyl)phtha...	21.836	149	267373	46.006	ng	98
85) Di-n-octyl phthalate	23.129	149	451036	46.821	ng	99
87) Indeno(1,2,3-cd)pyrene	29.585	276	571823	48.043	ng	99
88) Benzo(b)fluoranthene	24.398	252	515870	49.093	ng	99
89) Benzo(k)fluoranthene	24.474	252	512447	48.322	ng	99
90) Benzo(a)pyrene	25.355	252	455409	44.441	ng	98
91) Dibenzo(a,h)anthracene	29.632	278	476180	48.071	ng	99
92) Benzo(g,h,i)perylene	30.859	276	457851	47.393	ng	99

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

