

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040824\
 Data File : BG060832.D
 Acq On : 8 Apr 2024 19:15
 Operator : MA/JU
 Sample : PB160000BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB160000BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/10/2024

Supervised By :mohammad ahmed 04/10/2024

Quant Time: Apr 09 01:23:51 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 30 03:12:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.949	152	55731	20.000	ng	-0.01
21) Naphthalene-d8	10.745	136	236439	20.000	ng	-0.01
39) Acenaphthene-d10	14.576	164	190328	20.000	ng	-0.01
64) Phenanthrene-d10	17.326	188	463189	20.000	ng	-0.01
76) Chrysene-d12	21.591	240	423110	20.000	ng	-0.01
86) Perylene-d12	24.717	264	492738	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	460909	137.773	ng	0.00
7) Phenol-d6	7.114	99	627607	126.384	ng	0.00
23) Nitrobenzene-d5	9.106	82	406911	98.203	ng	0.00
42) 2,4,6-Tribromophenol	16.069	330	358494	165.929	ng	0.00
45) 2-Fluorobiphenyl	13.207	172	1049112	80.898	ng	-0.01
79) Terphenyl-d14	19.952	244	1989359	82.790	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.454	88	47412	34.567	ng	97
3) Pyridine	3.836	79	131318	31.740	ng	94
4) n-Nitrosodimethylamine	3.754	42	106959	43.250	ng	93
6) Aniline	7.273	93	146943	23.432	ng	99
8) 2-Chlorophenol	7.514	128	180817	47.675	ng	96
9) Benzaldehyde	7.085	77	29988m	10.951	ng	
10) Phenol	7.144	94	235414	46.451	ng	99
11) bis(2-Chloroethyl)ether	7.373	93	160376	39.195	ng	100
12) 1,3-Dichlorobenzene	7.837	146	173051	43.876	ng	96
13) 1,4-Dichlorobenzene	7.984	146	177156	44.026	ng	100
14) 1,2-Dichlorobenzene	8.301	146	173112	43.900	ng	98
15) Benzyl Alcohol	8.184	79	176252	43.816	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.466	45	392272	42.481	ng	99
17) 2-Methylphenol	8.389	107	161996	42.342	ng	98
18) Hexachloroethane	9.030	117	65371	45.742	ng	94
19) n-Nitroso-di-n-propyla...	8.754	70	147292	38.894	ng	# 96
20) 3+4-Methylphenols	8.712	107	221392	42.258	ng	98
22) Acetophenone	8.765	105	280422	43.013	ng	# 96
24) Nitrobenzene	9.147	77	210031	45.679	ng	96
25) Isophorone	9.670	82	400614	41.977	ng	99
26) 2-Nitrophenol	9.852	139	90476	54.491	ng	92
27) 2,4-Dimethylphenol	9.917	122	135382	35.313	ng	100
28) bis(2-Chloroethoxy)met...	10.158	93	228997	40.642	ng	98
29) 2,4-Dichlorophenol	10.393	162	180782	51.352	ng	96
30) 1,2,4-Trichlorobenzene	10.610	180	184398	46.257	ng	96
31) Naphthalene	10.792	128	540056	42.225	ng	100
32) Benzoic acid	10.052	122	132133	51.261	ng	94
33) 4-Chloroaniline	10.898	127	85221	14.346	ng	98
34) Hexachlorobutadiene	11.086	225	129353	48.688	ng	96
35) Caprolactam	11.668	113	62137m	44.564	ng	
36) 4-Chloro-3-methylphenol	12.026	107	213379	47.446	ng	99
37) 2-Methylnaphthalene	12.402	142	392857	41.780	ng	99
38) 1-Methylnaphthalene	12.620	142	367037	41.319	ng	96
40) 1,2,4,5-Tetrachloroben...	12.772	216	251156	45.901	ng	100
41) Hexachlorocyclopentadiene	12.755	237	296571	106.594	ng	98
43) 2,4,6-Trichlorophenol	13.007	196	176358	50.055	ng	98

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44) 2,4,5-Trichlorophenol	13.078	196	199777	47.513	ng	97
46) 1,1'-Biphenyl	13.413	154	557548	41.473	ng	98
47) 2-Chloronaphthalene	13.454	162	442194	43.293	ng	99
48) 2-Nitroaniline	13.648	65	164737	49.479	ng	96
49) Acenaphthylene	14.300	152	760570	44.317	ng	99
50) Dimethylphthalate	14.041	163	636089	42.283	ng	100
51) 2,6-Dinitrotoluene	14.147	165	129302	48.005	ng	95
52) Acenaphthene	14.641	154	521407m	48.388	ng	
53) 3-Nitroaniline	14.476	138	75834	26.991	ng	88
54) 2,4-Dinitrophenol	14.682	184	162238	154.936	ng	89
55) Dibenzofuran	14.982	168	716224	42.139	ng	99
56) 4-Nitrophenol	14.788	139	233665	106.249	ng	98
57) 2,4-Dinitrotoluene	14.935	165	188299	53.104	ng	96
58) Fluorene	15.628	166	582992	42.738	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.205	232	189309	51.663	ng	97
60) Diethylphthalate	15.410	149	627005	41.427	ng	99
61) 4-Chlorophenyl-phenyle...	15.622	204	318670	44.157	ng	93
62) 4-Nitroaniline	15.640	138	137210	49.886	ng	95
63) Azobenzene	15.916	77	606636	41.132	ng	97
65) 4,6-Dinitro-2-methylph...	15.704	198	112158	57.110	ng	97
66) n-Nitrosodiphenylamine	15.839	169	553521	41.818	ng	98
67) 4-Bromophenyl-phenylether	16.521	248	219298	46.652	ng	98
68) Hexachlorobenzene	16.633	284	250473	47.201	ng	98
69) Atrazine	16.791	200	216694	46.816	ng	98
70) Pentachlorophenol	16.973	266	341909	98.745	ng	99
71) Phenanthrene	17.367	178	1015967	42.175	ng	100
72) Anthracene	17.461	178	1040137	42.516	ng	99
73) Carbazole	17.725	167	908937	42.139	ng	99
74) Di-n-butylphthalate	18.307	149	1076985	40.049	ng	99
75) Fluoranthene	19.382	202	1239812	42.414	ng	97
77) Benzidine	19.559	184	319924	28.715	ng	100
78) Pyrene	19.741	202	1276490	43.137	ng	100
80) Butylbenzylphthalate	20.645	149	469105	43.458	ng	98
81) Benzo(a)anthracene	21.568	228	1311504	43.974	ng	99
82) 3,3'-Dichlorobenzidine	21.486	252	302657	30.054	ng	96
83) Chrysene	21.633	228	1237558	43.050	ng	99
84) Bis(2-ethylhexyl)phtha...	21.509	149	695104	40.401	ng	96
85) Di-n-octyl phthalate	22.708	149	1198456	42.758	ng	99
87) Indeno(1,2,3-cd)pyrene	28.278	276	1594433	45.951	ng	97
88) Benzo(b)fluoranthene	23.736	252	1289209	45.543	ng	98
89) Benzo(k)fluoranthene	23.801	252	1295699m	44.719	ng	
90) Benzo(a)pyrene	24.576	252	1208780	43.940	ng	97
91) Dibenzo(a,h)anthracene	28.348	278	1305889	44.645	ng	# 96
92) Benzo(g,h,i)perylene	29.382	276	1216119	42.740	ng	98

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

