

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121423\
 Data File : BG060009.D
 Acq On : 14 Dec 2023 12:07
 Operator : MA/JU
 Sample : PB157712BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB157712BS

Manual Integrations

APPROVED

Reviewed By :Yogesh
 Patel

12/15/2023

Supervised By :mohammad
 ahmed

12/16/2023

Quant Time: Dec 14 12:45:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 14 01:47:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.953	152	58716	20.000	ng	0.00
21) Naphthalene-d8	10.762	136	221338	20.000	ng	0.00
39) Acenaphthene-d10	14.592	164	190744	20.000	ng	0.00
64) Phenanthrene-d10	17.342	188	637368	20.000	ng	0.00
76) Chrysene-d12	21.614	240	838860	20.000	ng	0.00
86) Perylene-d12	24.798	264	894730	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.521	112	475970	138.768	ng	0.00
7) Phenol-d6	7.113	99	614028	127.265	ng	0.00
23) Nitrobenzene-d5	9.117	82	382336	78.437	ng	0.00
42) 2,4,6-Tribromophenol	16.085	330	612740	137.842	ng	0.00
45) 2-Fluorobiphenyl	13.218	172	1191298	76.439	ng	0.00
79) Terphenyl-d14	19.963	244	3596291	78.270	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.429	88	40347	24.859	ng	93
3) Pyridine	3.817	79	101851	22.407	ng	97
4) n-Nitrosodimethylamine	3.735	42	65100	29.117	ng	89
6) Aniline	7.277	93	188598	38.377	ng	93
8) 2-Chlorophenol	7.518	128	140942	43.362	ng	99
9) Benzaldehyde	7.089	77	79616	27.139	ng	94
10) Phenol	7.136	94	225267	46.477	ng	100
11) bis(2-Chloroethyl)ether	7.372	93	134099	38.647	ng	89
12) 1,3-Dichlorobenzene	7.842	146	161193	37.086	ng	93
13) 1,4-Dichlorobenzene	7.988	146	171554	37.930	ng	94
14) 1,2-Dichlorobenzene	8.306	146	161238	37.054	ng	93
15) Benzyl Alcohol	8.188	79	172246	44.419	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.482	45	265547m	42.768	ng	
17) 2-Methylphenol	8.388	107	143936	44.543	ng	93
18) Hexachloroethane	9.040	117	52417	38.258	ng	92
19) n-Nitroso-di-n-propyla...	8.758	70	129330	41.547	ng	# 90
20) 3+4-Methylphenols	8.717	107	189723	42.034	ng	97
22) Acetophenone	8.776	105	254462	39.451	ng	94
24) Nitrobenzene	9.158	77	197179	39.845	ng	94
25) Isophorone	9.681	82	361368	38.735	ng	99
26) 2-Nitrophenol	9.869	139	76327	41.939	ng	93
27) 2,4-Dimethylphenol	9.921	122	150839	60.464	ng	99
28) bis(2-Chloroethoxy)met...	10.168	93	188068	39.045	ng	98
29) 2,4-Dichlorophenol	10.403	162	202926	45.290	ng	90
30) 1,2,4-Trichlorobenzene	10.621	180	241250	39.778	ng	99
31) Naphthalene	10.809	128	457856	39.736	ng	96
32) Benzoic acid	10.045	122	105207	46.362	ng	91
33) 4-Chloroaniline	10.914	127	127709	29.129	ng	97
34) Hexachlorobutadiene	11.097	225	204300	36.805	ng	97
35) Caprolactam	11.684	113	53682m	47.163	ng	
36) 4-Chloro-3-methylphenol	12.031	107	183430	45.014	ng	99
37) 2-Methylnaphthalene	12.419	142	356118	39.406	ng	97
38) 1-Methylnaphthalene	12.636	142	344794	38.624	ng	92
40) 1,2,4,5-Tetrachloroben...	12.783	216	401168	40.342	ng	98
41) Hexachlorocyclopentadiene	12.765	237	464797	113.128	ng	92
43) 2,4,6-Trichlorophenol	13.018	196	238788	42.828	ng	100

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44) 2,4,5-Trichlorophenol	13.094	196	263950	43.523	ng	97
46) 1,1'-Biphenyl	13.429	154	563266	39.819	ng	97
47) 2-Chloronaphthalene	13.470	162	470072	38.371	ng	97
48) 2-Nitroaniline	13.670	65	126789	47.944	ng	96
49) Acenaphthylene	14.316	152	697496	41.623	ng	98
50) Dimethylphthalate	14.052	163	628744	42.466	ng	100
51) 2,6-Dinitrotoluene	14.164	165	133482	43.522	ng	96
52) Acenaphthene	14.657	154	547251m	47.441	ng	
53) 3-Nitroaniline	14.493	138	91609	37.379	ng	95
54) 2,4-Dinitrophenol	14.698	184	228438	101.094	ng	93
55) Dibenzofuran	14.992	168	785877	41.857	ng	99
56) 4-Nitrophenol	14.792	139	205034	99.543	ng	96
57) 2,4-Dinitrotoluene	14.951	165	198560	46.055	ng	96
58) Fluorene	15.638	166	666710	42.111	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.209	232	305936	48.462	ng	99
60) Diethylphthalate	15.415	149	604636	44.384	ng	97
61) 4-Chlorophenyl-phenyle...	15.632	204	486103	42.632	ng	99
62) 4-Nitroaniline	15.662	138	126194	47.286	ng	96
63) Azobenzene	15.926	77	560874	41.759	ng	95
65) 4,6-Dinitro-2-methylph...	15.715	198	174504	43.667	ng	92
66) n-Nitrosodiphenylamine	15.850	169	642776	41.281	ng	96
67) 4-Bromophenyl-phenylether	16.531	248	362567	40.318	ng	98
68) Hexachlorobenzene	16.643	284	410356	39.034	ng	98
70) Pentachlorophenol	16.984	266	569165	83.573	ng	97
71) Phenanthrene	17.383	178	1316415	42.641	ng	98
72) Anthracene	17.477	178	1327375	42.763	ng	99
73) Carbazole	17.742	167	1135340	43.042	ng	98
74) Di-n-butylphthalate	18.312	149	1062556	44.158	ng	98
75) Fluoranthene	19.399	202	1938134	43.021	ng	96
77) Benzidine	19.581	184	517110	47.992	ng	98
78) Pyrene	19.763	202	1991525	39.164	ng	98
80) Butylbenzylphthalate	20.656	149	393906	43.132	ng	99
81) Benzo(a)anthracene	21.590	228	2343519	41.590	ng	99
82) 3,3'-Dichlorobenzidine	21.508	252	780110	42.073	ng	97
83) Chrysene	21.661	228	2168493	40.620	ng	98
84) Bis(2-ethylhexyl)phtha...	21.514	149	600762	43.400	ng	99
85) Di-n-octyl phthalate	22.718	149	1039748	43.424	ng	100
87) Indeno(1,2,3-cd)pyrene	28.435	276	2886180	45.199	ng	# 98
88) Benzo(b)fluoranthene	23.788	252	2447981	44.301	ng	100
89) Benzo(k)fluoranthene	23.858	252	2391627	44.621	ng	100
90) Benzo(a)pyrene	24.651	252	2122589	43.356	ng	99
91) Dibenzo(a,h)anthracene	28.511	278	2487025	46.577	ng	99
92) Benzo(g,h,i)perylene	29.581	276	2348028	44.209	ng	98

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

