

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021723\
 Data File : BG056659.D
 Acq On : 17 Feb 2023 17:04
 Operator : CG/JU
 Sample : PB150923BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB150923BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel
 02/18/2023

Supervised By :mohammad
 ahmed
 02/20/2023

Quant Time: Feb 18 00:04:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG021523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 16 01:33:33 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.437	152	16075	20.000	ng	0.00
21) Naphthalene-d8	11.275	136	62043	20.000	ng	0.00
39) Acenaphthene-d10	15.041	164	46844	20.000	ng	0.00
64) Phenanthrene-d10	17.773	188	118532	20.000	ng	0.00
76) Chrysene-d12	22.092	240	117318	20.000	ng	0.00
86) Perylene-d12	25.635	264	130494	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.946	112	140518	142.229	ng	0.00
7) Phenol-d6	7.562	99	194191	133.064	ng	0.00
23) Nitrobenzene-d5	9.612	82	97083	80.118	ng	0.00
42) 2,4,6-Tribromophenol	16.516	330	82196	128.161	ng	0.00
45) 2-Fluorobiphenyl	13.672	172	304415	87.019	ng	0.00
79) Terphenyl-d14	20.341	244	680035	94.838	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.754	88	17775	41.038	ng	97
3) Pyridine	4.172	79	51572	37.642	ng	98
4) n-Nitrosodimethylamine	4.083	42	28453	44.554	ng	92
6) Aniline	7.744	93	48024	23.678	ng	99
8) 2-Chlorophenol	7.991	128	42689	43.671	ng	90
9) Benzaldehyde	7.556	77	33729	43.703	ng	92
10) Phenol	7.585	94	67109	44.954	ng	97
11) bis(2-Chloroethyl)ether	7.838	93	46740	41.728	ng	98
12) 1,3-Dichlorobenzene	8.326	146	54319	46.640	ng	97
13) 1,4-Dichlorobenzene	8.472	146	55115	46.990	ng	92
14) 1,2-Dichlorobenzene	8.796	146	52519	46.584	ng	97
15) Benzyl Alcohol	8.666	79	51773	39.620	ng	92
16) 2,2'-oxybis(1-Chloropr...	8.954	45	63947	42.524	ng	96
17) 2-Methylphenol	8.860	107	43927	41.871	ng	98
18) Hexachloroethane	9.542	117	16217	43.648	ng	97
19) n-Nitroso-di-n-propyla...	9.236	70	44893	41.090	ng	96
20) 3+4-Methylphenols	9.189	107	58406	40.527	ng	95
22) Acetophenone	9.266	105	83567	44.082	ng	# 97
24) Nitrobenzene	9.653	77	54300	39.006	ng	95
25) Isophorone	10.176	82	118226	40.089	ng	99
26) 2-Nitrophenol	10.370	139	20503	41.093	ng	# 77
27) 2,4-Dimethylphenol	10.405	122	51124	44.839	ng	94
28) bis(2-Chloroethoxy)met...	10.652	93	65947	43.879	ng	97
29) 2,4-Dichlorophenol	10.905	162	50534	44.719	ng	97
30) 1,2,4-Trichlorobenzene	11.128	180	61728	45.856	ng	97
31) Naphthalene	11.328	128	149974	43.615	ng	99
32) Benzoic acid	10.523	122	28570	38.878	ng	# 78
33) 4-Chloroaniline	11.422	127	18974	12.078	ng	# 94
34) Hexachlorobutadiene	11.604	225	42640	44.325	ng	92
35) Caprolactam	12.174	113	14166m	38.976	ng	
36) 4-Chloro-3-methylphenol	12.497	107	54491	43.727	ng	98
37) 2-Methylnaphthalene	12.897	142	112072	41.279	ng	98
38) 1-Methylnaphthalene	13.114	142	104201	41.130	ng	96
40) 1,2,4,5-Tetrachloroben...	13.255	216	78189	44.900	ng	99
41) Hexachlorocyclopentadiene	13.237	237	89256	94.500	ng	100
43) 2,4,6-Trichlorophenol	13.478	196	45317	42.891	ng	96

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44) 2,4,5-Trichlorophenol	13.555	196	51656	40.793	ng	96
46) 1,1'-Biphenyl	13.884	154	157245	44.313	ng	97
47) 2-Chloronaphthalene	13.931	162	128165	45.642	ng	99
48) 2-Nitroaniline	14.119	65	24465	31.885	ng	91
49) Acenaphthylene	14.771	152	201587	44.182	ng	100
50) Dimethylphthalate	14.477	163	163587	42.244	ng	99
51) 2,6-Dinitrotoluene	14.601	165	29596	39.728	ng	98
52) Acenaphthene	15.106	154	133937	47.589	ng	98
53) 3-Nitroaniline	14.930	138	13545	18.019	ng #	85
54) 2,4-Dinitrophenol	15.129	184	41316	92.352	ng #	49
55) Dibenzofuran	15.435	168	206689	43.470	ng	99
56) 4-Nitrophenol	15.212	139	53977	93.723	ng	89
57) 2,4-Dinitrotoluene	15.382	165	43820	46.399	ng	96
58) Fluorene	16.081	166	165153	43.930	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.646	232	48010	43.259	ng	95
60) Diethylphthalate	15.829	149	164874	42.208	ng	100
61) 4-Chlorophenyl-phenyle...	16.064	204	99691	43.406	ng	99
62) 4-Nitroaniline	16.087	138	33942	43.326	ng	96
63) Azobenzene	16.351	77	167518	42.850	ng	99
65) 4,6-Dinitro-2-methylph...	16.134	198	26435	43.187	ng	91
66) n-Nitrosodiphenylamine	16.275	169	151692	43.991	ng	99
67) 4-Bromophenyl-phenylether	16.957	248	62329	40.956	ng	91
68) Hexachlorobenzene	17.080	284	73453	47.374	ng	99
69) Atrazine	17.203	200	63302	47.807	ng	98
70) Pentachlorophenol	17.415	266	82776	80.615	ng	96
71) Phenanthrene	17.820	178	293057	45.444	ng	99
72) Anthracene	17.908	178	299411	45.375	ng	98
73) Carbazole	18.167	167	267616	47.047	ng	99
74) Di-n-butylphthalate	18.702	149	278794	43.797	ng	99
75) Fluoranthene	19.800	202	388650	45.675	ng	99
77) Benzidine	19.965	184	90969	32.420	ng	97
78) Pyrene	20.165	202	401149	45.276	ng	99
80) Butylbenzylphthalate	21.028	149	100605	37.813	ng	95
81) Benzo(a)anthracene	22.074	228	393963	45.155	ng	98
82) 3,3'-Dichlorobenzidine	21.968	252	65680	23.203	ng	99
83) Chrysene	22.145	228	364037	44.633	ng	97
84) Bis(2-ethylhexyl)phtha...	21.945	149	155339	38.963	ng	96
85) Di-n-octyl phthalate	23.273	149	255962	38.627	ng	98
87) Indeno(1,2,3-cd)pyrene	29.730	276	477029	46.677	ng #	99
88) Benzo(b)fluoranthene	24.501	252	409661m	48.052	ng	
89) Benzo(k)fluoranthene	24.577	252	386839	46.142	ng	98
90) Benzo(a)pyrene	25.470	252	356865	43.548	ng	99
91) Dibenzo(a,h)anthracene	29.806	278	391534	46.257	ng	98
92) Benzo(g,h,i)perylene	31.017	276	385644	46.628	ng	96

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

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