

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040523\
 Data File : BG056986.D
 Acq On : 5 Apr 2023 11:23
 Operator : CG/JU
 Sample : PB151898BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB151898BS

Manual Integrations

APPROVED

Reviewed By :Christian
 Giraldo

Supervised By :Jagrut

Supervised By :Jagrut

04/06/2023

04/06/2023

Supervised By :Jagrut

padhyay

Quant Time: Apr 06 05:06:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 06 01:57:04 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.420	152	12048	20.000	ng	0.00
21) Naphthalene-d8	11.257	136	55240	20.000	ng	# 0.00
39) Acenaphthene-d10	15.034	164	46182	20.000	ng	0.00
64) Phenanthrene-d10	17.772	188	117855	20.000	ng	0.00
76) Chrysene-d12	22.095	240	91356	20.000	ng	0.00
86) Perylene-d12	25.649	264	98766	20.000	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.923	112	120042	159.463	ng	0.00
7) Phenol-d6	7.550	99	179230	159.190	ng	0.00
23) Nitrobenzene-d5	9.595	82	116818	86.530	ng	0.00
42) 2,4,6-Tribromophenol	16.515	330	108132	146.565	ng	0.00
45) 2-Fluorobiphenyl	13.660	172	292001	85.738	ng	0.00
79) Terphenyl-d14	20.339	244	553707	102.562	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.726	88	10267	31.112	ng	# 89
3) Pyridine	4.149	79	31430	29.571	ng	98
4) n-Nitrosodimethylamine	4.055	42	20567	42.087	ng	88
6) Aniline	7.727	93	59664	41.452	ng	98
8) 2-Chlorophenol	7.973	128	41438	55.264	ng	94
9) Benzaldehyde	7.539	77	29247	41.416	ng	96
10) Phenol	7.580	94	59760	53.567	ng	98
11) bis(2-Chloroethyl)ether	7.815	93	38302	48.198	ng	97
12) 1,3-Dichlorobenzene	8.308	146	41085	49.589	ng	96
13) 1,4-Dichlorobenzene	8.455	146	41883	50.088	ng	95
14) 1,2-Dichlorobenzene	8.778	146	41556	51.439	ng	93
15) Benzyl Alcohol	8.649	79	49930	53.371	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.931	45	46662	48.722	ng	96
17) 2-Methylphenol	8.849	107	41248	51.824	ng	93
18) Hexachloroethane	9.518	117	15126	49.491	ng	97
19) n-Nitroso-di-n-propyla...	9.219	70	38108	47.321	ng	98
20) 3+4-Methylphenols	9.178	107	56655	50.905	ng	95
22) Acetophenone	9.248	105	72109	43.869	ng	# 96
24) Nitrobenzene	9.642	77	59198	42.889	ng	98
25) Isophorone	10.165	82	109204	42.479	ng	99
26) 2-Nitrophenol	10.358	139	24668	46.302	ng	93
27) 2,4-Dimethylphenol	10.400	122	45080	47.924	ng	98
28) bis(2-Chloroethoxy)met...	10.635	93	55964	43.482	ng	94
29) 2,4-Dichlorophenol	10.899	162	46442	45.909	ng	94
30) 1,2,4-Trichlorobenzene	11.116	180	47917	44.579	ng	96
31) Naphthalene	11.310	128	133283	44.266	ng	100
32) Benzoic acid	10.529	122	29151	45.116	ng	95
33) 4-Chloroaniline	11.404	127	45744	33.638	ng	95
34) Hexachlorobutadiene	11.586	225	34698	42.974	ng	93
35) Caprolactam	12.174	113	16674m	47.794	ng	
36) 4-Chloro-3-methylphenol	12.497	107	54799	48.438	ng	100
37) 2-Methylnaphthalene	12.884	142	102645	42.953	ng	97
38) 1-Methylnaphthalene	13.102	142	95115	42.388	ng	100
40) 1,2,4,5-Tetrachloroben...	13.249	216	68993	43.081	ng	99
41) Hexachlorocyclopentadiene	13.219	237	98548	111.686	ng	97
43) 2,4,6-Trichlorophenol	13.478	196	46345	45.350	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.548	196	51480	42.522	ng	98
46) 1,1'-Biphenyl	13.871	154	151080	44.690	ng	97
47) 2-Chloronaphthalene	13.924	162	113936	45.569	ng	98
48) 2-Nitroaniline	14.112	65	40098	44.850	ng	96
49) Acenaphthylene	14.758	152	180837	44.020	ng	99
50) Dimethylphthalate	14.470	163	160712	44.166	ng	97
51) 2,6-Dinitrotoluene	14.594	165	36256	46.116	ng	98
52) Acenaphthene	15.099	154	143731m	50.730	ng	04/06/2023
53) 3-Nitroaniline	14.929	138	26652	34.248	ng	99
54) 2,4-Dinitrophenol	15.134	184	47896	108.234	ng	93
55) Dibenzofuran	15.428	168	190741	44.855	ng	97
56) 4-Nitrophenol	15.217	139	57383	99.718	ng	92
57) 2,4-Dinitrotoluene	15.375	165	52166	47.045	ng	# 98
58) Fluorene	16.074	166	156262	44.408	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.645	232	51631	46.839	ng	# 99
60) Diethylphthalate	15.816	149	165940	45.489	ng	99
61) 4-Chlorophenyl-phenyle...	16.051	204	90982	44.038	ng	98
62) 4-Nitroaniline	16.086	138	34940	43.335	ng	98
63) Azobenzene	16.344	77	159428	43.854	ng	99
65) 4,6-Dinitro-2-methylph...	16.139	198	35222	49.346	ng	94
66) n-Nitrosodiphenylamine	16.268	169	137091	43.332	ng	98
67) 4-Bromophenyl-phenylether	16.944	248	61608	42.248	ng	98
68) Hexachlorobenzene	17.079	284	68976	47.844	ng	98
69) Atrazine	17.196	200	60046	45.722	ng	94
70) Pentachlorophenol	17.419	266	83180	80.422	ng	97
71) Phenanthrene	17.813	178	260837	43.409	ng	98
72) Anthracene	17.907	178	265728	43.139	ng	100
73) Carbazole	18.171	167	235172	43.789	ng	96
74) Di-n-butylphthalate	18.688	149	266351	42.829	ng	100
75) Fluoranthene	19.804	202	299296	39.293	ng	98
77) Benzidine	19.963	184	139632	55.919	ng	97
78) Pyrene	20.163	202	299474	47.395	ng	99
80) Butylbenzylphthalate	21.020	149	101318	46.597	ng	93
81) Benzo(a)anthracene	22.072	228	277747	43.935	ng	100
82) 3,3'-Dichlorobenzidine	21.966	252	81716	38.279	ng	98
83) Chrysene	22.148	228	255867	43.226	ng	99
84) Bis(2-ethylhexyl)phtha...	21.925	149	142488	45.255	ng	95
85) Di-n-octyl phthalate	23.247	149	234432	44.184	ng	98
87) Indeno(1,2,3-cd)pyrene	29.762	276	324793	44.497	ng	# 97
88) Benzo(b)fluoranthene	24.510	252	283411	45.888	ng	99
89) Benzo(k)fluoranthene	24.586	252	282798	45.865	ng	98
90) Benzo(a)pyrene	25.479	252	248575	40.958	ng	99
91) Dibenzo(a,h)anthracene	29.814	278	271278	45.214	ng	98
92) Benzo(g,h,i)perylene	31.060	276	260940	44.415	ng	# 98

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

