

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG033023\
 Data File : BG056931.D
 Acq On : 30 Mar 2023 20:12
 Operator : CG/JU
 Sample : PB151743BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB151743BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/31/2023
 Supervised By : Jagrut Upadhyay 03/31/2023

Quant Time: Mar 31 04:04:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 03:23:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.415	152	16129	20.000	ng	# 0.00
21) Naphthalene-d8	11.258	136	66695	20.000	ng	# 0.00
39) Acenaphthene-d10	15.029	164	52845	20.000	ng	0.00
64) Phenanthrene-d10	17.767	188	138050	20.000	ng	0.00
76) Chrysene-d12	22.096	240	133182	20.000	ng	0.00
86) Perylene-d12	25.639	264	149670	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.918	112	121674	120.735	ng	0.00
7) Phenol-d6	7.539	99	174560	115.813	ng	0.00
23) Nitrobenzene-d5	9.590	82	106786	65.514	ng	0.00
42) 2,4,6-Tribromophenol	16.510	330	88161	104.429	ng	0.00
45) 2-Fluorobiphenyl	13.655	172	256610	65.847	ng	0.00
79) Terphenyl-d14	20.340	244	512856	65.162	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.721	88	18851	42.671	ng	98
3) Pyridine	4.144	79	51820	36.418	ng	97
4) n-Nitrosodimethylamine	4.050	42	27642	42.253	ng	97
6) Aniline	7.722	93	64459	33.452	ng	99
8) 2-Chlorophenol	7.968	128	48115	47.933	ng	94
9) Benzaldehyde	7.534	77	38090	40.290	ng	97
10) Phenol	7.569	94	72405	48.480	ng	96
11) bis(2-Chloroethyl)ether	7.810	93	45798	43.049	ng	97
12) 1,3-Dichlorobenzene	8.303	146	48407	43.643	ng	96
13) 1,4-Dichlorobenzene	8.450	146	49077	43.841	ng	95
14) 1,2-Dichlorobenzene	8.779	146	48309	44.668	ng	93
15) Benzyl Alcohol	8.644	79	57078	45.574	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.926	45	55318m	43.146	ng	
17) 2-Methylphenol	8.844	107	47874	44.930	ng	93
18) Hexachloroethane	9.519	117	18206	44.496	ng	95
19) n-Nitroso-di-n-propyla...	9.214	70	43653	40.491	ng	# 96
20) 3+4-Methylphenols	9.173	107	65828	44.181	ng	95
22) Acetophenone	9.243	105	81627	41.130	ng	# 98
24) Nitrobenzene	9.631	77	68053	40.836	ng	98
25) Isophorone	10.154	82	122282	39.396	ng	99
26) 2-Nitrophenol	10.347	139	26155	40.661	ng	96
27) 2,4-Dimethylphenol	10.389	122	50621	44.572	ng	98
28) bis(2-Chloroethoxy)met...	10.629	93	62405	40.159	ng	97
29) 2,4-Dichlorophenol	10.888	162	52920	43.328	ng	92
30) 1,2,4-Trichlorobenzene	11.111	180	56049	43.189	ng	98
31) Naphthalene	11.305	128	148136	40.749	ng	99
32) Benzoic acid	10.512	122	33191	42.545	ng	92
33) 4-Chloroaniline	11.405	127	37653	22.933	ng	99
34) Hexachlorobutadiene	11.581	225	39145	40.155	ng	93
35) Caprolactam	12.151	113	18512	43.949	ng	95
36) 4-Chloro-3-methylphenol	12.492	107	60913	44.595	ng	95
37) 2-Methylnaphthalene	12.885	142	112602	39.027	ng	97
38) 1-Methylnaphthalene	13.097	142	105353	38.887	ng	100
40) 1,2,4,5-Tetrachloroben...	13.244	216	76366	41.673	ng	98
41) Hexachlorocyclopentadiene	13.220	237	108400	107.362	ng	95
43) 2,4,6-Trichlorophenol	13.467	196	50230	42.954	ng	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.543	196	55304	39.921	ng	97
46) 1,1'-Biphenyl	13.866	154	161524	41.755	ng	97
47) 2-Chloronaphthalene	13.919	162	121451	42.450	ng	98
48) 2-Nitroaniline	14.107	65	42484	41.527	ng	96
49) Acenaphthylene	14.759	152	193064	41.071	ng	97
50) Dimethylphthalate	14.465	163	169474	40.702	ng	# 99
51) 2,6-Dinitrotoluene	14.589	165	36724	40.821	ng	93
52) Acenaphthene	15.094	154	152108	46.918	ng	98
53) 3-Nitroaniline	14.918	138	23158	26.006	ng	96
54) 2,4-Dinitrophenol	15.123	184	48151	95.090	ng	92
55) Dibenzofuran	15.423	168	199899	41.082	ng	96
56) 4-Nitrophenol	15.211	139	61234	92.994	ng	97
57) 2,4-Dinitrotoluene	15.376	165	53449	42.124	ng	# 88
58) Fluorene	16.069	166	165622	41.133	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.640	232	54481	43.193	ng	# 98
60) Diethylphthalate	15.811	149	171251	41.026	ng	98
61) 4-Chlorophenyl-phenyle...	16.051	204	97425	41.211	ng	99
62) 4-Nitroaniline	16.081	138	36645	39.719	ng	96
63) Azobenzene	16.345	77	171617	41.255	ng	99
65) 4,6-Dinitro-2-methylph...	16.134	198	35277	42.193	ng	99
66) n-Nitrosodiphenylamine	16.263	169	145479	39.257	ng	99
67) 4-Bromophenyl-phenylether	16.944	248	65348	38.257	ng	98
68) Hexachlorobenzene	17.074	284	69672	41.257	ng	99
69) Atrazine	17.197	200	66206	43.038	ng	97
70) Pentachlorophenol	17.414	266	90028	74.309	ng	97
71) Phenanthrene	17.814	178	284437	40.412	ng	99
72) Anthracene	17.902	178	290687	40.287	ng	99
73) Carbazole	18.166	167	256782	40.818	ng	97
74) Di-n-butylphthalate	18.689	149	295488	40.563	ng	98
75) Fluoranthene	19.799	202	365419	40.956	ng	98
77) Benzidine	19.964	184	181800	49.941	ng	98
78) Pyrene	20.164	202	364809	39.603	ng	99
80) Butylbenzylphthalate	21.021	149	131337	41.433	ng	99
81) Benzo(a)anthracene	22.073	228	375656	40.761	ng	100
82) 3,3'-Dichlorobenzidine	21.967	252	85116	27.350	ng	# 98
83) Chrysene	22.143	228	346085	40.106	ng	98
84) Bis(2-ethylhexyl)phtha...	21.926	149	188966	41.168	ng	94
85) Di-n-octyl phthalate	23.248	149	325468	42.077	ng	100
87) Indeno(1,2,3-cd)pyrene	29.739	276	460330	41.616	ng	# 98
88) Benzo(b)fluoranthene	24.505	252	398092	42.534	ng	100
89) Benzo(k)fluoranthene	24.581	252	388475	41.576	ng	98
90) Benzo(a)pyrene	25.474	252	352955	38.377	ng	99
91) Dibenzo(a,h)anthracene	29.809	278	375810	41.333	ng	98
92) Benzo(g,h,i)perylene	31.031	276	366507	41.167	ng	99

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

Manual Integrations

Reviewed By :Christian Giraldo 03/31/2023
Supervised By :Jagrut Upadhyay 03/31/2023

Abundance

TIC: BG056931.D\data.ms

Time-->

1,4-Dioxane
n-Nitrophenylamine,
n-Nitrophenylamine,
2-Fluorophenol, S
Benzaldehyde-d6, S
Phenol, C
Bis(2-ethylhexyl)phthalate
1,4-Dichlorobenzene, C
2,2'-oxybis(2-chlorophenol)
n-Nitrophenylamine, P
Hexachlorobenzene-d5, S
Isopropyl
2-Nitrophenol, C
Benzaldehyde-d6, S
2,4-Dichlorophenol, C
4-Nitrophenol, C
Hexachlorobutadiene, C
Caprolactam
4-Chloro-3-methylphenol, C
2-Methylphthalate
1,4-Dichlorobenzene, C
2,4,6-Trichlorophenol, C
2-Chlorophthalate
2-Nitroaniline
2,6-Dinitrophenol
3-Nitrophenol, C
2,4-Dinitrophenol, C
2,3,4,6-Tetrahydro-2H-pyran-2-one
4,6-Dinitro-2-methylphenol, C
Acetophenone
4-Bromophenyl ether
Atrazine
Pentachlorophenol, C
Phenanthrene
Carbazole
Di-n-butylphthalate
Fluoranthene, C
Pyrene
Terphenyl-d14, S
Butylbenzophthalate
Bis(2-ethylhexyl)phthalate
Chrysene
Di-n-octyl phthalate, c
Benzo(a)fluoranthene
Benzo(a)pyrene, C
Perylene-d12, I
Indeno(1,2,3-cd)pyrene
Benzo(g,h,i)perylene