

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102722\
 Data File : BG055320.D
 Acq On : 27 Oct 2022 12:21
 Operator : CG/JU
 Sample : PB148495BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB148495BS

Manual Integrations
 APPROVED

Reviewed By :Christian
 Giraldo
 10/28/2022

Supervised By :mohammad
 ahmed
 11/02/2022

Quant Time: Oct 27 15:20:06 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 24 16:54:05 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.270	152	32244	20.000	ng	0.00
21) Naphthalene-d8	11.102	136	157704	20.000	ng	0.00
39) Acenaphthene-d10	14.886	164	117452	20.000	ng	0.00
64) Phenanthrene-d10	17.624	188	269368	20.000	ng	0.00
76) Chrysene-d12	21.901	240	237109	20.000	ng	0.00
86) Perylene-d12	25.303	264	253008	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.797	112	283751	154.088	ng	0.00
7) Phenol-d6	7.418	99	393613	147.537	ng	0.00
23) Nitrobenzene-d5	9.445	82	242206	78.424	ng	0.00
42) 2,4,6-Tribromophenol	16.367	330	189366	148.312	ng	0.00
45) 2-Fluorobiphenyl	13.511	172	582503	81.175	ng	0.00
79) Terphenyl-d14	20.192	244	986327	86.428	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.599	88	25950	29.185	ng	99
3) Pyridine	4.016	79	74872	27.962	ng	95
4) n-Nitrosodimethylamine	3.928	42	41098	34.547	ng	93
6) Aniline	7.583	93	149290	42.745	ng	100
8) 2-Chlorophenol	7.830	128	103395	48.295	ng	97
9) Benzaldehyde	7.395	77	63174	34.681	ng	98
10) Phenol	7.442	94	139354	46.633	ng	98
11) bis(2-Chloroethyl)ether	7.677	93	93543	41.468	ng	97
12) 1,3-Dichlorobenzene	8.159	146	99998	42.809	ng	98
13) 1,4-Dichlorobenzene	8.306	146	102849	43.106	ng	99
14) 1,2-Dichlorobenzene	8.629	146	100772	43.867	ng	99
15) Benzyl Alcohol	8.505	79	101345m	45.394	ng	
16) 2,2'-oxybis(1-Chloropr...	8.793	45	149183	40.410	ng	98
17) 2-Methylphenol	8.711	107	98681	46.693	ng	98
18) Hexachloroethane	9.369	117	36764	43.272	ng	94
19) n-Nitroso-di-n-propyla...	9.075	70	90210	40.719	ng	97
20) 3+4-Methylphenols	9.040	107	137827	45.533	ng	99
22) Acetophenone	9.099	105	163987	40.673	ng	# 97
24) Nitrobenzene	9.486	77	124798	38.808	ng	98
25) Isophorone	10.009	82	252392	40.460	ng	97
26) 2-Nitrophenol	10.203	139	63291	44.943	ng	95
27) 2,4-Dimethylphenol	10.250	122	113918m	51.816	ng	
28) bis(2-Chloroethoxy)met...	10.485	93	142576	45.268	ng	97
29) 2,4-Dichlorophenol	10.744	162	111687	47.356	ng	98
30) 1,2,4-Trichlorobenzene	10.961	180	102979	42.782	ng	98
31) Naphthalene	11.155	128	334224	39.727	ng	99
32) Benzoic acid	10.403	122	61035	37.720	ng	98
33) 4-Chloroaniline	11.255	127	134907	37.508	ng	99
34) Hexachlorobutadiene	11.425	225	60841	44.238	ng	98
35) Caprolactam	12.031	113	44501m	40.655	ng	
36) 4-Chloro-3-methylphenol	12.360	107	131503	44.312	ng	96
37) 2-Methylnaphthalene	12.736	142	249070	41.062	ng	99
38) 1-Methylnaphthalene	12.953	142	238624	39.876	ng	100
40) 1,2,4,5-Tetrachloroben...	13.100	216	122974	43.411	ng	99
41) Hexachlorocyclopentadiene	13.071	237	135323	99.153	ng	96
43) 2,4,6-Trichlorophenol	13.329	196	92499	44.210	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.405	196	102085	44.113	ng	97
46) 1,1'-Biphenyl	13.723	154	337587	41.907	ng	100
47) 2-Chloronaphthalene	13.776	162	257599	40.552	ng	99
48) 2-Nitroaniline	13.969	65	96137	38.698	ng	100
49) Acenaphthylene	14.616	152	437113	39.862	ng	99
50) Dimethylphthalate	14.328	163	366922	39.789	ng	100
51) 2,6-Dinitrotoluene	14.451	165	78725	41.953	ng	95
52) Acenaphthene	14.951	154	305582m	43.718	ng	
53) 3-Nitroaniline	14.786	138	79252	33.603	ng	100
54) 2,4-Dinitrophenol	14.998	184	90949	82.630	ng	95
55) Dibenzofuran	15.280	168	418803	39.937	ng	98
56) 4-Nitrophenol	15.092	139	136726	81.052	ng	98
57) 2,4-Dinitrotoluene	15.239	165	115453	42.398	ng	91
58) Fluorene	15.926	166	342830	39.290	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.503	232	84270	40.846	ng	97
60) Diethylphthalate	15.673	149	383717	39.117	ng	98
61) 4-Chlorophenyl-phenyle...	15.908	204	173728	43.327	ng	98
62) 4-Nitroaniline	15.944	138	94060	37.951	ng	98
63) Azobenzene	16.202	77	358922	37.558	ng	97
65) 4,6-Dinitro-2-methylph...	16.002	198	64202	43.356	ng	93
66) n-Nitrosodiphenylamine	16.120	169	312163	41.635	ng	99
67) 4-Bromophenyl-phenylether	16.801	248	115874	44.277	ng	97
68) Hexachlorobenzene	16.925	284	129038	43.609	ng	97
69) Atrazine	17.054	200	124219	48.724	ng	99
70) Pentachlorophenol	17.272	266	131403	78.651	ng	97
71) Phenanthrene	17.665	178	562381	39.148	ng	100
72) Anthracene	17.753	178	580591	41.341	ng	100
73) Carbazole	18.018	167	544471	40.308	ng	99
74) Di-n-butylphthalate	18.546	149	672757	39.843	ng	100
75) Fluoranthene	19.651	202	637576	38.089	ng	99
77) Benzidine	19.821	184	463863	80.797	ng	99
78) Pyrene	20.009	202	651059	40.059	ng	100
80) Butylbenzylphthalate	20.867	149	288393	37.551	ng	93
81) Benzo(a)anthracene	21.878	228	615545	38.659	ng	99
82) 3,3'-Dichlorobenzidine	21.778	252	205807	39.687	ng	98
83) Chrysene	21.948	228	574357	37.976	ng	99
84) Bis(2-ethylhexyl)phtha...	21.743	149	420546	38.332	ng	98
85) Di-n-octyl phthalate	23.006	149	702664	38.444	ng	97
87) Indeno(1,2,3-cd)pyrene	29.228	276	756546	40.486	ng	# 83
88) Benzo(b)fluoranthene	24.216	252	658614	43.276	ng	98
89) Benzo(k)fluoranthene	24.287	252	629503	40.963	ng	98
90) Benzo(a)pyrene	25.145	252	579738	44.421	ng	99
91) Dibenzo(a,h)anthracene	29.287	278	663097	43.240	ng	97
92) Benzo(g,h,i)perylene	30.462	276	644178	42.351	ng	99

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

Manual Integrations

Supervised By :mohammad
ahmed
11/02/2022

Abundance

TIC: BG055320.D\data.ms

11/02/2022

Time-->

1,4-Dioxane
n-Nitrosodimethylaniline,
Phenol-d6,
2-Fluorophenol-S
Phenol-d6,S
bis(2-chlorophenyl)ether
1,4-Dichlorobenzene-d10
1,2-Dichlorobenzene
2,2'-oxybis(4-chlorophenyl)
Hexachlorocyclopentadiene
Nitrobenzene-d5,S
Isopropyl
2-Nitrophenol
Benzoic acid
Bis(2-chlorophenyl)ether
Naphthalene
Hexachlorobutadiene,C
Caprolactam
4-Chloro-3-methylphenol,C
2-Methylnaphthalene
1,2,4,5-Tetrachlorobenzene,P
2,4,6-Trichlorophenol,C
2-Chloronaphthalene
2-Nitroaniline
2,6-Dinitrotoluene
3-Nitrophenol
Acenaphthene,C
Benzothiazole
Diethylphthalate
4,6-Dinitro-2-methylphenol
Azobenzene
n-Nitrosodimethylaniline
4-Bromobenzophenone
4-Bromobenzophenone-ether
Pentachlorophenol,C
Phenanthrene-d10
Phenanthrene
Carbazole
Di-n-butylphthalate
Benzidine
Fluoranthene,C
Pyrene
Terphenyl-d14-S
Butylbenzylphthalate
Bis(2-ethylhexyl)phthalate
Bis(2-ethylhexyl)phthalate
Di-n-octyl phthalate,c
Benzothiazole
Benzothiazole
Benzo(a)pyrene,C
Perylene-d12,l
Indeno(1,2,3-cd)pyrene
Benzo(g,h,i)perylene