

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020823\
 Data File : BF132356.D
 Acq On : 08 Feb 2023 13:54
 Operator : CG\JU
 Sample : PB150729BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB150729BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/09/2023
 Supervised By : Jagrut Upadhyay 02/09/2023

Quant Time: Feb 09 01:58:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 09 01:56:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.048	152	185707	20.000	ng	0.00
21) Naphthalene-d8	8.336	136	721180	20.000	ng	0.00
39) Acenaphthene-d10	10.101	164	373936	20.000	ng	0.00
64) Phenanthrene-d10	11.595	188	700059	20.000	ng	0.00
76) Chrysene-d12	14.260	240	426395	20.000	ng	0.00
86) Perylene-d12	15.824	264	352958	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.678	112	1337841	115.798	ng	0.02
7) Phenol-d6	6.672	99	1581414	111.027	ng	0.00
23) Nitrobenzene-d5	7.613	82	961571	74.196	ng	0.00
42) 2,4,6-Tribromophenol	10.895	330	564833	146.885	ng	0.00
45) 2-Fluorobiphenyl	9.413	172	1815042	74.956	ng	0.00
79) Terphenyl-d14	13.189	244	2144659	97.296	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.013	88	171810	31.605	ng	95
3) Pyridine	3.760	79	434076	29.433	ng	95
4) n-Nitrosodimethylamine	3.725	42	162095	34.349	ng	88
6) Aniline	6.707	93	640440m	33.135	ng	
8) 2-Chlorophenol	6.831	128	524166	43.805	ng	95
9) Benzaldehyde	6.595	77	200129	21.691	ng	99
10) Phenol	6.684	94	568185	38.540	ng	98
11) bis(2-Chloroethyl)ether	6.778	93	487020	40.139	ng	95
12) 1,3-Dichlorobenzene	6.989	146	546611	43.191	ng	98
13) 1,4-Dichlorobenzene	7.066	146	548152	43.391	ng	98
14) 1,2-Dichlorobenzene	7.219	146	535172	45.426	ng	97
15) Benzyl Alcohol	7.184	79	394857	37.992	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.319	45	445633	34.860	ng	93
17) 2-Methylphenol	7.289	107	408975	39.045	ng	99
18) Hexachloroethane	7.566	117	203403	42.920	ng	93
19) n-Nitroso-di-n-propyla...	7.460	70	278829	34.463	ng	# 96
20) 3+4-Methylphenols	7.442	107	507608	37.970	ng	96
22) Acetophenone	7.460	105	658035	38.799	ng	97
24) Nitrobenzene	7.636	77	474264	35.821	ng	90
25) Isophorone	7.872	82	908645	36.940	ng	96
26) 2-Nitrophenol	7.948	139	281444	43.641	ng	92
27) 2,4-Dimethylphenol	7.978	122	455607	40.362	ng	99
28) bis(2-Chloroethoxy)met...	8.072	93	576011	38.106	ng	99
29) 2,4-Dichlorophenol	8.189	162	427876	42.694	ng	96
30) 1,2,4-Trichlorobenzene	8.272	180	464186	43.252	ng	99
31) Naphthalene	8.360	128	1395772	39.319	ng	99
32) Benzoic acid	8.089	122	354322	42.405	ng	93
33) 4-Chloroaniline	8.401	127	359768	22.855	ng	97
34) Hexachlorobutadiene	8.472	225	275963	45.740	ng	99
35) Caprolactam	8.778	113	143176m	41.906	ng	
36) 4-Chloro-3-methylphenol	8.878	107	439719	40.726	ng	93
37) 2-Methylnaphthalene	9.048	142	944288	39.271	ng	99
38) 1-Methylnaphthalene	9.148	142	875079	39.161	ng	100
40) 1,2,4,5-Tetrachloroben...	9.219	216	443953	42.189	ng	99
41) Hexachlorocyclopentadiene	9.201	237	539324	87.846	ng	98
43) 2,4,6-Trichlorophenol	9.325	196	322025	42.810	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.366	196	346375	40.007	ng	98
46) 1,1'-Biphenyl	9.513	154	1149977	39.890	ng	98
47) 2-Chloronaphthalene	9.542	162	894576	40.742	ng	98
48) 2-Nitroaniline	9.636	65	221736	33.956	ng	# 80
49) Acenaphthylene	9.966	152	1396835	38.979	ng	99
50) Dimethylphthalate	9.813	163	1063320	40.651	ng	99
51) 2,6-Dinitrotoluene	9.878	165	247678	42.397	ng	# 85
52) Acenaphthene	10.136	154	987807	44.029	ng	99
53) 3-Nitroaniline	10.048	138	215874	30.471	ng	96
54) 2,4-Dinitrophenol	10.154	184	291339	85.708	ng	95
55) Dibenzofuran	10.307	168	1220092	38.706	ng	99
56) 4-Nitrophenol	10.201	139	424566	79.640	ng	93
57) 2,4-Dinitrotoluene	10.283	165	330847	43.598	ng	90
58) Fluorene	10.654	166	954723	39.354	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.419	232	281271	44.563	ng	97
60) Diethylphthalate	10.513	149	1083077	41.623	ng	99
61) 4-Chlorophenyl-phenylether	10.642	204	473337	41.113	ng	97
62) 4-Nitroaniline	10.672	138	262402	38.625	ng	96
63) Azobenzene	10.801	77	882594	34.821	ng	95
65) 4,6-Dinitro-2-methylph...	10.695	198	181734	45.739	ng	88
66) n-Nitrosodiphenylamine	10.760	169	863212	39.378	ng	100
67) 4-Bromophenyl-phenylether	11.136	248	306710	42.785	ng	95
68) Hexachlorobenzene	11.201	284	353444	46.129	ng	96
69) Atrazine	11.283	200	297807	47.231	ng	97
70) Pentachlorophenol	11.395	266	403242	76.596	ng	100
71) Phenanthrene	11.624	178	1425100	38.956	ng	99
72) Anthracene	11.677	178	1453088	39.031	ng	100
73) Carbazole	11.824	167	1288076	38.587	ng	99
74) Di-n-butylphthalate	12.148	149	1640900	41.579	ng	100
75) Fluoranthene	12.819	202	1464136	39.220	ng	98
77) Benzidine	12.936	184	528876	35.478	ng	99
78) Pyrene	13.054	202	1472105	42.924	ng	99
80) Butylbenzylphthalate	13.660	149	684831	45.197	ng	96
81) Benzo(a)anthracene	14.248	228	1228141	41.181	ng	99
82) 3,3'-Dichlorobenzidine	14.201	252	292927	30.839	ng	99
83) Chrysene	14.283	228	1120453	40.123	ng	100
84) Bis(2-ethylhexyl)phtha...	14.213	149	940023	45.898	ng	99
85) Di-n-octyl phthalate	14.848	149	1382130	41.375	ng	# 96
87) Indeno(1,2,3-cd)pyrene	17.453	276	1068302	45.551	ng	97
88) Benzo(b)fluoranthene	15.354	252	1056323	47.082	ng	98
89) Benzo(k)fluoranthene	15.389	252	951982	44.453	ng	99
90) Benzo(a)pyrene	15.759	252	855924	40.969	ng	99
91) Dibenzo(a,h)anthracene	17.477	278	888437	47.117	ng	99
92) Benzo(g,h,i)perylene	17.959	276	888520	45.612	ng	96

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

