

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053023\
 Data File : BF133518.D
 Acq On : 30 May 2023 12:59
 Operator : CG\JU
 Sample : PB153070BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

PB153070BS

Manual Integrations

APPROVED

Reviewed By : Christian Giraldo 05/31/2023

Supervised By : Yogesh Patel 06/01/2023

Quant Time: May 30 13:18:49 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue May 30 12:58:40 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.833	152	143330	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	525547	20.000	ng	0.00
39) Acenaphthene-d10	9.874	164	260012	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	509553	20.000	ng	0.00
76) Chrysene-d12	14.004	240	361786	20.000	ng	0.00
86) Perylene-d12	15.456	264	330255	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	802412	93.406	ng	0.01
7) Phenol-d6	6.463	99	987813	93.410	ng	0.00
23) Nitrobenzene-d5	7.398	82	590140	74.975	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	270492	104.363	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1147522	68.117	ng	0.00
79) Terphenyl-d14	12.951	244	1255171	61.685	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.657	88	166615	42.945	ng	98
3) Pyridine	3.387	79	417297	38.360	ng	99
4) n-Nitrosodimethylamine	3.345	42	245178	41.327	ng	96
6) Aniline	6.492	93	514992	35.867	ng	99
8) 2-Chlorophenol	6.616	128	373357	44.108	ng	99
9) Benzaldehyde	6.381	77	239834	47.029	ng	97
10) Phenol	6.475	94	469279m	44.236	ng	
11) bis(2-Chloroethyl)ether	6.575	93	365002	41.614	ng	96
12) 1,3-Dichlorobenzene	6.775	146	405457	43.146	ng	99
13) 1,4-Dichlorobenzene	6.851	146	411144	43.640	ng	98
14) 1,2-Dichlorobenzene	7.004	146	385206	44.307	ng	99
15) Benzyl Alcohol	6.975	79	341704	42.561	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.110	45	698259	41.974	ng	99
17) 2-Methylphenol	7.086	107	318736	39.763	ng	99
18) Hexachloroethane	7.345	117	145611	44.697	ng	95
19) n-Nitroso-di-n-propyla...	7.251	70	271313	39.653	ng	98
20) 3+4-Methylphenols	7.239	107	381983	42.150	ng	92
22) Acetophenone	7.245	105	517151	42.730	ng	# 96
24) Nitrobenzene	7.416	77	399597	47.646	ng	98
25) Isophorone	7.657	82	758679	41.357	ng	98
26) 2-Nitrophenol	7.733	139	162979	42.961	ng	99
27) 2,4-Dimethylphenol	7.769	122	339847	43.541	ng	99
28) bis(2-Chloroethoxy)met...	7.869	93	442696	41.617	ng	99
29) 2,4-Dichlorophenol	7.975	162	311475	44.355	ng	96
30) 1,2,4-Trichlorobenzene	8.057	180	329397	43.367	ng	98
31) Naphthalene	8.139	128	1077148	42.276	ng	99
32) Benzoic acid	7.886	122	203481	40.867	ng	97
33) 4-Chloroaniline	8.186	127	226616	20.752	ng	96
34) Hexachlorobutadiene	8.257	225	192301	41.621	ng	99
35) Caprolactam	8.563	113	112308m	48.766	ng	
36) 4-Chloro-3-methylphenol	8.663	107	349054	44.374	ng	98
37) 2-Methylnaphthalene	8.833	142	707167	40.650	ng	98
38) 1-Methylnaphthalene	8.933	142	664731	40.991	ng	99
40) 1,2,4,5-Tetrachloroben...	8.998	216	314016	40.747	ng	99
41) Hexachlorocyclopentadiene	8.986	237	375630	95.115	ng	99
43) 2,4,6-Trichlorophenol	9.104	196	223052	45.233	ng	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.145	196	241065	42.117	ng	97
46) 1,1'-Biphenyl	9.298	154	885633	41.924	ng	98
47) 2-Chloronaphthalene	9.322	162	647983	42.324	ng	99
48) 2-Nitroaniline	9.416	65	206247	42.461	ng	99
49) Acenaphthylene	9.739	152	1102318	42.191	ng	100
50) Dimethylphthalate	9.598	163	765027	41.863	ng	99
51) 2,6-Dinitrotoluene	9.657	165	155123	44.902	ng	96
52) Acenaphthene	9.910	154	723281	45.701	ng	99
53) 3-Nitroaniline	9.827	138	140197	33.233	ng	# 91
54) 2,4-Dinitrophenol	9.933	184	141347	80.152	ng	97
55) Dibenzofuran	10.080	168	982368	41.721	ng	99
56) 4-Nitrophenol	9.986	139	298432	95.450	ng	100
57) 2,4-Dinitrotoluene	10.063	165	204537	47.486	ng	91
58) Fluorene	10.427	166	717874	41.613	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.198	232	201299	46.698	ng	99
60) Diethylphthalate	10.304	149	787850	41.530	ng	99
61) 4-Chlorophenyl-phenyle...	10.416	204	337500	40.745	ng	97
62) 4-Nitroaniline	10.445	138	192016	44.010	ng	97
63) Azobenzene	10.580	77	787037	41.445	ng	100
65) 4,6-Dinitro-2-methylph...	10.469	198	91485	44.647	ng	85
66) n-Nitrosodiphenylamine	10.539	169	671169	40.572	ng	100
67) 4-Bromophenyl-phenylether	10.910	248	222512	41.119	ng	92
68) Hexachlorobenzene	10.969	284	243730	43.070	ng	98
69) Atrazine	11.069	200	218610	48.163	ng	95
70) Pentachlorophenol	11.163	266	271199	80.149	ng	99
71) Phenanthrene	11.386	178	1069937	41.457	ng	100
72) Anthracene	11.439	178	1099100	41.379	ng	100
73) Carbazole	11.592	167	1068602	42.540	ng	100
74) Di-n-butylphthalate	11.927	149	1235488	41.594	ng	100
75) Fluoranthene	12.574	202	1181734	41.454	ng	100
77) Benzidine	12.698	184	783755	74.069	ng	99
78) Pyrene	12.804	202	1215855	39.493	ng	100
80) Butylbenzylphthalate	13.427	149	512285	42.057	ng	98
81) Benzo(a)anthracene	13.992	228	967260	40.134	ng	100
82) 3,3'-Dichlorobenzidine	13.957	252	228487	30.327	ng	99
83) Chrysene	14.033	228	985249	40.495	ng	99
84) Bis(2-ethylhexyl)phtha...	13.992	149	620431	40.749	ng	99
85) Di-n-octyl phthalate	14.604	149	1160781	45.765	ng	99
87) Indeno(1,2,3-cd)pyrene	16.915	276	859812	40.872	ng	100
88) Benzo(b)fluoranthene	15.039	252	923916	42.962	ng	99
89) Benzo(k)fluoranthene	15.068	252	888149	42.355	ng	100
90) Benzo(a)pyrene	15.404	252	761889	38.934	ng	99
91) Dibenzo(a,h)anthracene	16.933	278	690340	40.475	ng	99
92) Benzo(g,h,i)perylene	17.356	276	710121	41.291	ng	99

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

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