

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112723\
 Data File : BF136233.D
 Acq On : 27 Nov 2023 21:02
 Operator : CG\JU
 Sample : 05468-04MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

TP-9MSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/29/2023

Supervised By :mohammad ahmed 11/29/2023

Quant Time: Nov 28 04:11:45 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Nov 28 03:04:20 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	115991	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	494381	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	245518	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	427009	20.000	ng	0.00
76) Chrysene-d12	13.986	240	216714	20.000	ng	0.00
86) Perylene-d12	15.468	264	227811	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	1147450	137.690	ng	0.02
7) Phenol-d6	6.445	99	1313824	126.086	ng	0.00
23) Nitrobenzene-d5	7.369	82	932710	99.695	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	432529	144.096	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	1923558	100.073	ng	0.00
79) Terphenyl-d14	12.927	244	1537714	81.847	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.781	88	149400	47.380	ng	# 83
3) Pyridine	3.487	79	305814	39.289	ng	98
4) n-Nitrosodimethylamine	3.440	42	196242	49.876	ng	93
6) Aniline	6.475	93	142151	14.433	ng	98
8) 2-Chlorophenol	6.592	128	457641	50.435	ng	95
9) Benzaldehyde	6.357	77	30329	5.222	ng	94
10) Phenol	6.457	94	492996	44.100	ng	96
11) bis(2-Chloroethyl)ether	6.551	93	417166	50.868	ng	97
12) 1,3-Dichlorobenzene	6.745	146	454237	44.111	ng	97
13) 1,4-Dichlorobenzene	6.822	146	474584	45.336	ng	98
14) 1,2-Dichlorobenzene	6.975	146	446115	45.015	ng	99
15) Benzyl Alcohol	6.951	79	382121	52.304	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.081	45	567860	49.851	ng	99
17) 2-Methylphenol	7.063	107	358190	50.211	ng	98
18) Hexachloroethane	7.316	117	161994	44.117	ng	94
19) n-Nitroso-di-n-propyla...	7.222	70	321560	51.598	ng	99
20) 3+4-Methylphenols	7.210	107	443205	47.804	ng	98
22) Acetophenone	7.216	105	682449	52.560	ng	# 94
24) Nitrobenzene	7.387	77	460751	48.598	ng	98
25) Isophorone	7.628	82	879439	52.132	ng	98
26) 2-Nitrophenol	7.698	139	218862	54.180	ng	95
27) 2,4-Dimethylphenol	7.739	122	334806	62.970	ng	100
28) bis(2-Chloroethoxy)met...	7.839	93	530309	51.971	ng	98
29) 2,4-Dichlorophenol	7.939	162	378829	52.824	ng	96
30) 1,2,4-Trichlorobenzene	8.022	180	425986	48.516	ng	99
31) Naphthalene	8.104	128	1391959	50.092	ng	98
32) Benzoic acid	7.863	122	237566	49.026	ng	99
33) 4-Chloroaniline	8.151	127	45171	4.782	ng	97
34) Hexachlorobutadiene	8.222	225	240782	46.874	ng	99
35) Caprolactam	8.528	113	92174m	45.976	ng	
36) 4-Chloro-3-methylphenol	8.639	107	386748	49.723	ng	98
37) 2-Methylnaphthalene	8.798	142	861264	49.409	ng	98
38) 1-Methylnaphthalene	8.898	142	828317	48.712	ng	98
40) 1,2,4,5-Tetrachloroben...	8.963	216	419048	53.630	ng	98
41) Hexachlorocyclopentadiene	8.951	237	451461	150.159	ng	97
43) 2,4,6-Trichlorophenol	9.075	196	273045	53.838	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	278187	50.263	ng	98
46) 1,1'-Biphenyl	9.263	154	1175713	54.303	ng	98
47) 2-Chloronaphthalene	9.286	162	875924	52.095	ng	98
48) 2-Nitroaniline	9.386	65	225547	51.380	ng	90
49) Acenaphthylene	9.704	152	1373545	57.244	ng	99
50) Dimethylphthalate	9.569	163	1024963	55.234	ng	100
51) 2,6-Dinitrotoluene	9.628	165	197192	52.016	ng	94
52) Acenaphthene	9.875	154	789039	52.036	ng	99
53) 3-Nitroaniline	9.792	138	19271	5.123	ng	# 90
54) 2,4-Dinitrophenol	9.904	184	187161	106.152	ng	97
55) Dibenzofuran	10.051	168	1190206	52.749	ng	99
56) 4-Nitrophenol	9.963	139	243880	85.365	ng	94
57) 2,4-Dinitrotoluene	10.033	165	265046	52.340	ng	93
58) Fluorene	10.392	166	910511	51.446	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.169	232	223614	50.780	ng	99
60) Diethylphthalate	10.275	149	965733	52.026	ng	99
61) 4-Chlorophenyl-phenyle...	10.386	204	440484	51.249	ng	94
62) 4-Nitroaniline	10.416	138	154336	41.917	ng	98
63) Azobenzene	10.551	77	897274	52.140	ng	95
65) 4,6-Dinitro-2-methylph...	10.439	198	118952	50.941	ng	99
66) n-Nitrosodiphenylamine	10.510	169	777619	56.826	ng	99
67) 4-Bromophenyl-phenylether	10.880	248	272518	54.703	ng	95
68) Hexachlorobenzene	10.939	284	317950	55.145	ng	# 94
69) Atrazine	11.039	200	234797	57.841	ng	98
70) Pentachlorophenol	11.139	266	323198	99.168	ng	98
71) Phenanthrene	11.357	178	1330245	55.427	ng	99
72) Anthracene	11.410	178	1332719	55.374	ng	99
73) Carbazole	11.569	167	1005694	49.131	ng	99
74) Di-n-butylphthalate	11.904	149	1481750	57.854	ng	100
75) Fluoranthene	12.551	202	1190855	48.878	ng	97
77) Benzidine	12.674	184	91910	25.800	ng	96
78) Pyrene	12.780	202	1169192	49.262	ng	98
80) Butylbenzylphthalate	13.416	149	434076	58.766	ng	93
81) Benzo(a)anthracene	13.974	228	840937	52.242	ng	98
82) 3,3'-Dichlorobenzidine	13.939	252	82312	21.243	ng	97
83) Chrysene	14.015	228	807331	51.945	ng	99
84) Bis(2-ethylhexyl)phtha...	13.980	149	599286	67.603	ng	# 99
85) Di-n-octyl phthalate	14.598	149	955754	64.406	ng	99
87) Indeno(1,2,3-cd)pyrene	16.974	276	753526	44.460	ng	99
88) Benzo(b)fluoranthene	15.033	252	845465	52.898	ng	99
89) Benzo(k)fluoranthene	15.063	252	738038	48.619	ng	98
90) Benzo(a)pyrene	15.404	252	688005	52.658	ng	99
91) Dibenzo(a,h)anthracene	16.998	278	621433	45.612	ng	98
92) Benzo(g,h,i)perylene	17.433	276	569837	41.806	ng	98

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

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