

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102924\
 Data File : BF140106.D
 Acq On : 29 Oct 2024 12:30
 Operator : RC/JU
 Sample : P4561-05MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

BP-F-18MSD

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/30/2024
 Supervised By :mohammad ahmed 11/04/2024

Quant Time: Oct 29 12:59:43 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Oct 18 15:07:50 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	121800	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	465155	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	256664	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	439821	20.000	ng	0.00
76) Chrysene-d12	14.051	240	211408	20.000	ng	0.00
86) Perylene-d12	15.527	264	270997	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	656615	84.394	ng	0.01
7) Phenol-d6	6.516	99	877396	87.071	ng	0.00
23) Nitrobenzene-d5	7.451	82	559285	66.639	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	247838	103.233	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1005847	64.768	ng	0.00
79) Terphenyl-d14	12.992	244	839676	64.720	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.751	88	134597	37.104	ng	98
3) Pyridine	3.504	79	353874	39.356	ng	99
4) n-Nitrosodimethylamine	3.463	42	191536	39.648	ng	# 98
6) Aniline	6.551	93	290433	30.926	ng	99
8) 2-Chlorophenol	6.675	128	362464	45.571	ng	98
9) Benzaldehyde	6.439	77	66947	11.810	ng	96
10) Phenol	6.528	94	473946m	45.621	ng	
11) bis(2-Chloroethyl)ether	6.622	93	359328	44.750	ng	99
12) 1,3-Dichlorobenzene	6.834	146	391824	42.914	ng	99
13) 1,4-Dichlorobenzene	6.910	146	398892	43.729	ng	99
14) 1,2-Dichlorobenzene	7.057	146	382664	44.949	ng	99
15) Benzyl Alcohol	7.028	79	340430	46.056	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	602557	44.009	ng	98
17) 2-Methylphenol	7.139	107	305111	44.987	ng	98
18) Hexachloroethane	7.404	117	146986	45.187	ng	97
19) n-Nitroso-di-n-propyla...	7.298	70	268245	43.892	ng	98
20) 3+4-Methylphenols	7.286	107	371349	42.807	ng	# 90
22) Acetophenone	7.298	105	503721	44.213	ng	98
24) Nitrobenzene	7.469	77	412447	44.823	ng	100
25) Isophorone	7.710	82	733519	46.048	ng	99
26) 2-Nitrophenol	7.786	139	192422	55.431	ng	98
27) 2,4-Dimethylphenol	7.822	122	300404	51.898	ng	98
28) bis(2-Chloroethoxy)met...	7.916	93	436527	45.231	ng	99
29) 2,4-Dichlorophenol	8.028	162	305647	46.359	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	320744	43.966	ng	100
31) Naphthalene	8.192	128	1061785	44.260	ng	100
32) Benzoic acid	7.933	122	231719	45.898	ng	98
33) 4-Chloroaniline	8.239	127	93330	11.409	ng	98
34) Hexachlorobutadiene	8.310	225	206714	45.097	ng	99
35) Caprolactam	8.610	113	98336m	46.907	ng	
36) 4-Chloro-3-methylphenol	8.716	107	338753	46.402	ng	100
37) 2-Methylnaphthalene	8.886	142	676008	46.011	ng	100
38) 1-Methylnaphthalene	8.980	142	625170	43.370	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	319152	46.091	ng	99
41) Hexachlorocyclopentadiene	9.039	237	386142	160.268	ng	98
43) 2,4,6-Trichlorophenol	9.157	196	232567	47.439	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	235734	46.607	ng	98
46) 1,1'-Biphenyl	9.345	154	815178	45.623	ng	99
47) 2-Chloronaphthalene	9.375	162	649391	45.126	ng	99
48) 2-Nitroaniline	9.469	65	224758	51.066	ng	95
49) Acenaphthylene	9.792	152	1010496	48.570	ng	99
50) Dimethylphthalate	9.645	163	763825	47.778	ng	100
51) 2,6-Dinitrotoluene	9.710	165	167332	48.341	ng	98
52) Acenaphthene	9.963	154	711175	52.842	ng	100
53) 3-Nitroaniline	9.874	138	91124	25.527	ng	97
54) 2,4-Dinitrophenol	9.986	184	196382	131.934	ng	# 1
55) Dibenzofuran	10.133	168	885829	45.875	ng	100
56) 4-Nitrophenol	10.033	139	269111	97.989	ng	97
57) 2,4-Dinitrotoluene	10.116	165	226623	53.238	ng	98
58) Fluorene	10.474	166	674927	45.890	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	191597	48.321	ng	98
60) Diethylphthalate	10.345	149	735614	46.863	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	346171	46.608	ng	99
62) 4-Nitroaniline	10.492	138	156655	46.466	ng	98
63) Azobenzene	10.627	77	871386	52.363	ng	95
65) 4,6-Dinitro-2-methylph...	10.522	198	127360	70.992	ng	92
66) n-Nitrosodiphenylamine	10.586	169	620045	47.103	ng	100
67) 4-Bromophenyl-phenylether	10.957	248	217392	47.979	ng	98
68) Hexachlorobenzene	11.021	284	237439	46.595	ng	99
69) Atrazine	11.110	200	196449	55.092	ng	100
70) Pentachlorophenol	11.216	266	281948	91.166	ng	99
71) Phenanthrene	11.439	178	943324	45.406	ng	100
72) Anthracene	11.492	178	974760	48.088	ng	100
73) Carbazole	11.645	167	808719	42.899	ng	99
74) Di-n-butylphthalate	11.974	149	1041388	47.814	ng	99
75) Fluoranthene	12.627	202	838403	39.920	ng	100
77) Benzidine	12.745	184	181236	52.135	ng	99
78) Pyrene	12.857	202	811499	43.852	ng	100
80) Butylbenzylphthalate	13.468	149	308600	55.625	ng	100
81) Benzo(a)anthracene	14.039	228	635224	46.158	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	126129	31.434	ng	99
83) Chrysene	14.080	228	619134	49.067	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	381465	61.285	ng	100
85) Di-n-octyl phthalate	14.639	149	647308	57.175	ng	97
87) Indeno(1,2,3-cd)pyrene	17.027	276	726495	41.671	ng	99
88) Benzo(b)fluoranthene	15.098	252	721940	43.733	ng	99
89) Benzo(k)fluoranthene	15.127	252	658679	46.266	ng	100
90) Benzo(a)pyrene	15.468	252	684055	50.360	ng	99
91) Dibenzo(a,h)anthracene	17.045	278	606275	41.686	ng	99
92) Benzo(g,h,i)perylene	17.480	276	507958	34.966	ng	98

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

