

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032624\
 Data File : BF137695.D
 Acq On : 26 Mar 2024 19:30
 Operator : CG\JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

ICVBF032624

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/27/2024

Supervised By :mohammad ahmed 03/28/2024

Quant Time: Mar 27 01:59:50 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032624.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Mar 27 01:52:09 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	299733	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	1170278	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	675849	20.000	ng	0.00
64) Phenanthrene-d10	11.304	188	1170385	20.000	ng	0.00
76) Chrysene-d12	13.945	240	625656	20.000	ng	0.00
86) Perylene-d12	15.368	264	669170	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	1453025	75.454	ng	0.00
7) Phenol-d6	6.416	99	1840090	77.095	ng	0.00
23) Nitrobenzene-d5	7.357	82	1580595	89.104	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	514696	80.885	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	2770121	76.116	ng	0.00
79) Terphenyl-d14	12.898	244	3171987	77.559	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.487	88	340864	38.211	ng	98
3) Pyridine	3.210	79	942372	38.585	ng	99
4) n-Nitrosodimethylamine	3.175	42	422526	38.500	ng	99
6) Aniline	6.451	93	1203830	38.323	ng	100
8) 2-Chlorophenol	6.569	128	751528	38.695	ng	99
9) Benzaldehyde	6.334	77	492029	42.404	ng	98
10) Phenol	6.428	94	1028490	38.744	ng	100
11) bis(2-Chloroethyl)ether	6.528	93	741290	38.394	ng	99
12) 1,3-Dichlorobenzene	6.728	146	825456	38.304	ng	99
13) 1,4-Dichlorobenzene	6.804	146	824593	38.146	ng	99
14) 1,2-Dichlorobenzene	6.957	146	756533	37.719	ng	99
15) Benzyl Alcohol	6.928	79	664805	38.127	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.063	45	1158484	37.849	ng	99
17) 2-Methylphenol	7.040	107	701767	38.758	ng	99
18) Hexachloroethane	7.298	117	277487	40.072	ng	100
19) n-Nitroso-di-n-propyla...	7.210	70	574752	37.271	ng	99
20) 3+4-Methylphenols	7.193	107	803696	36.586	ng	97
22) Acetophenone	7.198	105	1003214	37.116	ng	97
24) Nitrobenzene	7.375	77	827652	44.574	ng	92
25) Isophorone	7.610	82	1533057	38.167	ng	100
26) 2-Nitrophenol	7.687	139	372812	44.443	ng	99
27) 2,4-Dimethylphenol	7.722	122	700801	38.109	ng	99
28) bis(2-Chloroethoxy)met...	7.822	93	916556	38.276	ng	100
29) 2,4-Dichlorophenol	7.922	162	680129	39.790	ng	100
30) 1,2,4-Trichlorobenzene	8.010	180	691685	39.420	ng	97
31) Naphthalene	8.092	128	2177775	37.538	ng	99
32) Benzoic acid	7.845	122	507235m	43.676	ng	
33) 4-Chloroaniline	8.140	127	956697	38.223	ng	99
34) Hexachlorobutadiene	8.210	225	404014	38.915	ng	98
35) Caprolactam	8.522	113	221156	39.618	ng	93
36) 4-Chloro-3-methylphenol	8.616	107	704576	39.280	ng	97
37) 2-Methylnaphthalene	8.781	142	1502931	37.736	ng	97
38) 1-Methylnaphthalene	8.881	142	1409220	37.721	ng	99
40) 1,2,4,5-Tetrachloroben...	8.945	216	657020	37.101	ng	99
41) Hexachlorocyclopentadiene	8.934	237	378205	43.618	ng	99
43) 2,4,6-Trichlorophenol	9.057	196	490799	40.305	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.092	196	548010	39.825	ng	99
46) 1,1'-Biphenyl	9.251	154	1754686	36.834	ng	100
47) 2-Chloronaphthalene	9.275	162	1379245	37.408	ng	97
48) 2-Nitroaniline	9.369	65	444901	43.632	ng	98
49) Acenaphthylene	9.686	152	2215571	37.357	ng	100
50) Dimethylphthalate	9.557	163	1701299	37.405	ng	99
51) 2,6-Dinitrotoluene	9.610	165	367206	42.700	ng	98
52) Acenaphthene	9.857	154	1380888	37.570	ng	100
53) 3-Nitroaniline	9.781	138	421644	42.224	ng	99
54) 2,4-Dinitrophenol	9.881	184	142626	47.565	ng	99
55) Dibenzofuran	10.028	168	2032890	37.182	ng	99
56) 4-Nitrophenol	9.928	139	330875	42.439	ng	98
57) 2,4-Dinitrotoluene	10.010	165	455730	44.402	ng	97
58) Fluorene	10.375	166	1391617	39.085	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.145	232	440616	40.229	ng	94
60) Diethylphthalate	10.251	149	1650809	37.690	ng	99
61) 4-Chlorophenyl-phenyle...	10.369	204	687599	40.121	ng	99
62) 4-Nitroaniline	10.392	138	410751	42.825	ng	98
63) Azobenzene	10.528	77	1631373	37.335	ng	99
65) 4,6-Dinitro-2-methylph...	10.416	198	210294	44.536	ng	98
66) n-Nitrosodiphenylamine	10.486	169	1389699	37.251	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	504527	38.260	ng	98
68) Hexachlorobenzene	10.916	284	510939	37.634	ng	98
69) Atrazine	11.016	200	422868	38.160	ng	99
70) Pentachlorophenol	11.104	266	395063	43.010	ng	99
71) Phenanthrene	11.333	178	2213321	36.386	ng	100
72) Anthracene	11.386	178	2299318	36.709	ng	99
73) Carbazole	11.539	167	2065261	37.005	ng	100
74) Di-n-butylphthalate	11.880	149	2425680	37.435	ng	99
75) Fluoranthene	12.522	202	2200554	35.083	ng	97
77) Benzidine	12.639	184	701055	48.673	ng	99
78) Pyrene	12.745	202	2242345	40.335	ng	100
80) Butylbenzylphthalate	13.374	149	789932	40.522	ng	99
81) Benzo(a)anthracene	13.933	228	1656839	38.233	ng	99
82) 3,3'-Dichlorobenzidine	13.898	252	568584	40.897	ng	98
83) Chrysene	13.974	228	1668815	39.106	ng	99
84) Bis(2-ethylhexyl)phtha...	13.939	149	872556	41.478	ng	100
85) Di-n-octyl phthalate	14.551	149	1475744	38.500	ng	100
87) Indeno(1,2,3-cd)pyrene	16.780	276	1722656	39.897	ng	100
88) Benzo(b)fluoranthene	14.963	252	1471234	37.307	ng	99
89) Benzo(k)fluoranthene	14.992	252	1466921	37.259	ng	100
90) Benzo(a)pyrene	15.316	252	1418842	38.137	ng	100
91) Dibenzo(a,h)anthracene	16.804	278	1419556	39.962	ng	99
92) Benzo(g,h,i)perylene	17.210	276	1432820	39.747	ng	99

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

