

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022924\
 Data File : BF137447.D
 Acq On : 29 Feb 2024 17:44
 Operator : CG\JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

ICVBF022924

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/01/2024

Supervised By :mohammad ahmed 03/02/2024

Quant Time: Mar 01 03:42:02 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Mar 01 03:39:04 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	202380m	20.000	ng	0.08
21) Naphthalene-d8	8.157	136	807070	20.000	ng	0.08
39) Acenaphthene-d10	9.916	164	448960	20.000	ng	0.08
64) Phenanthrene-d10	11.404	188	775689	20.000	ng	0.08
76) Chrysene-d12	14.069	240	412116	20.000	ng	0.08
86) Perylene-d12	15.598	264	376888	20.000	ng	0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	1113807	83.353	ng	0.10
7) Phenol-d6	6.528	99	1566301	81.205	ng	0.08
23) Nitrobenzene-d5	7.445	82	1411647	81.270	ng	0.08
42) 2,4,6-Tribromophenol	10.710	330	320211	81.217	ng	0.08
45) 2-Fluorobiphenyl	9.234	172	2189491	76.340	ng	0.07
79) Terphenyl-d14	13.010	244	2412611	80.502	ng	0.08
Target Compounds						Qvalue
2) 1,4-Dioxane	2.722	88	291710	39.925	ng	99
3) Pyridine	3.516	79	757196	42.971	ng	99
4) n-Nitrosodimethylamine	3.499	42	290002	41.212	ng	100
6) Aniline	6.557	93	986655	41.863	ng	98
8) 2-Chlorophenol	6.675	128	578451	41.043	ng	98
9) Benzaldehyde	6.445	77	407691	43.144	ng	99
10) Phenol	6.540	94	865081	41.669	ng	99
11) bis(2-Chloroethyl)ether	6.628	93	615016	40.426	ng	99
12) 1,3-Dichlorobenzene	6.822	146	601861	39.963	ng	100
13) 1,4-Dichlorobenzene	6.898	146	616640m	40.018	ng	
14) 1,2-Dichlorobenzene	7.051	146	571726m	40.423	ng	
15) Benzyl Alcohol	7.028	79	515514	42.931	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	1043716	39.912	ng	100
17) 2-Methylphenol	7.140	107	530520	40.227	ng	99
18) Hexachloroethane	7.387	117	210398	41.467	ng	94
19) n-Nitroso-di-n-propyla...	7.298	70	467276	39.231	ng	98
20) 3+4-Methylphenols	7.292	107	612232	40.534	ng	97
22) Acetophenone	7.292	105	778724	39.879	ng	97
24) Nitrobenzene	7.463	77	726683	41.647	ng	99
25) Isophorone	7.698	82	1307608	39.625	ng	100
26) 2-Nitrophenol	7.775	139	300263	43.344	ng	99
27) 2,4-Dimethylphenol	7.816	122	523757	40.463	ng	99
28) bis(2-Chloroethoxy)met...	7.910	93	787933	40.695	ng	99
29) 2,4-Dichlorophenol	8.016	162	491596	41.381	ng	98
30) 1,2,4-Trichlorobenzene	8.098	180	502848	40.223	ng	99
31) Naphthalene	8.181	128	1704157	39.355	ng	99
32) Benzoic acid	7.945	122	276980	38.580	ng	99
33) 4-Chloroaniline	8.234	127	707205	41.650	ng	99
34) Hexachlorobutadiene	8.292	225	294070	39.843	ng	99
35) Caprolactam	8.610	113	167783m	41.651	ng	
36) 4-Chloro-3-methylphenol	8.716	107	540415	40.697	ng	97
37) 2-Methylnaphthalene	8.869	142	1102387	39.935	ng	99
38) 1-Methylnaphthalene	8.969	142	1025000	39.428	ng	98
40) 1,2,4,5-Tetrachloroben...	9.034	216	505846	40.358	ng	100
41) Hexachlorocyclopentadiene	9.022	237	189728	41.513	ng	98
43) 2,4,6-Trichlorophenol	9.151	196	332124	40.691	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	386602	41.118	ng	94
46) 1,1'-Biphenyl	9.334	154	1319890	40.167	ng	99
47) 2-Chloronaphthalene	9.357	162	995787	39.747	ng	98
48) 2-Nitroaniline	9.463	65	374109	43.934	ng	97
49) Acenaphthylene	9.775	152	1585044	39.534	ng	100
50) Dimethylphthalate	9.645	163	1236954	39.579	ng	100
51) 2,6-Dinitrotoluene	9.704	165	273800	41.886	ng	98
52) Acenaphthene	9.951	154	941822	39.348	ng	99
53) 3-Nitroaniline	9.875	138	299809	43.361	ng	98
54) 2,4-Dinitrophenol	9.981	184	114438	40.428	ng	99
55) Dibenzofuran	10.122	168	1462732	40.123	ng	99
56) 4-Nitrophenol	10.039	139	193377	41.613	ng	99
57) 2,4-Dinitrotoluene	10.110	165	350315	43.620	ng	100
58) Fluorene	10.469	166	1089363	38.909	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.239	232	309198	41.009	ng	93
60) Diethylphthalate	10.345	149	1178651	39.937	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	527323	38.430	ng	98
62) 4-Nitroaniline	10.498	138	260895m	43.902	ng	
63) Azobenzene	10.622	77	1370059	40.315	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	187486	43.367	ng	99
66) n-Nitrosodiphenylamine	10.581	169	1006585	40.298	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	342254	40.510	ng	95
68) Hexachlorobenzene	11.010	284	344223	40.339	ng	99
69) Atrazine	11.116	200	308545	40.634	ng	98
70) Pentachlorophenol	11.210	266	219083	42.470	ng	99
71) Phenanthrene	11.433	178	1658765	39.294	ng	100
72) Anthracene	11.486	178	1713181	39.514	ng	99
73) Carbazole	11.645	167	1499052	40.364	ng	99
74) Di-n-butylphthalate	11.980	149	1800912	40.758	ng	100
75) Fluoranthene	12.627	202	1638048	39.697	ng	99
77) Benzidine	12.757	184	417310	41.378	ng	98
78) Pyrene	12.857	202	1647221	40.735	ng	99
80) Butylbenzylphthalate	13.492	149	456407	44.194	ng	98
81) Benzo(a)anthracene	14.057	228	1152322	39.894	ng	99
82) 3,3'-Dichlorobenzidine	14.027	252	324309	42.162	ng	99
83) Chrysene	14.092	228	1176740	40.308	ng	100
84) Bis(2-ethylhexyl)phtha...	14.057	149	578314	44.058	ng	99
85) Di-n-octyl phthalate	14.686	149	936291	38.294	ng	99
87) Indeno(1,2,3-cd)pyrene	17.209	276	1024033	41.289	ng	99
88) Benzo(b)fluoranthene	15.145	252	891083	39.969	ng	99
89) Benzo(k)fluoranthene	15.174	252	982509	41.030	ng	99
90) Benzo(a)pyrene	15.539	252	903892	41.142	ng	99
91) Dibenzo(a,h)anthracene	17.239	278	839026	41.702	ng	99
92) Benzo(g,h,i)perylene	17.698	276	856280	41.441	ng	98

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

