

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122624\
 Data File : BF140977.D
 Acq On : 26 Dec 2024 19:25
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/27/2024
 Supervised By :mohammad ahmed 12/27/2024

Quant Time: Dec 27 00:27:43 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 27 00:11:18 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	256235	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	977409	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	517561	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	905973	20.000	ng	0.00
76) Chrysene-d12	13.992	240	487461	20.000	ng	0.00
86) Perylene-d12	15.445	264	520884	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	2368484	139.333	ng	0.00
7) Phenol-d6	6.457	99	3074263	140.390	ng	0.00
23) Nitrobenzene-d5	7.398	82	2604239	170.465	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	822230	163.492	ng	0.00
45) 2-Fluorobiphenyl	9.187	172	4166122	128.248	ng	0.00
79) Terphenyl-d14	12.939	244	4715646	160.683	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.552	88	572464	74.386	ng	100
3) Pyridine	3.305	79	1340918	71.297	ng	100
4) n-Nitrosodimethylamine	3.263	42	724146	75.991	ng	100
6) Aniline	6.534	93	1154312m	59.104	ng	
8) 2-Chlorophenol	6.616	128	1257135	70.145	ng	99
10) Phenol	6.475	94	1587534	70.111	ng	95
11) bis(2-Chloroethyl)ether	6.575	93	1392292m	76.224	ng	
12) 1,3-Dichlorobenzene	6.775	146	1375754	69.557	ng	99
13) 1,4-Dichlorobenzene	6.851	146	1392839	69.856	ng	100
14) 1,2-Dichlorobenzene	7.004	146	1265701	68.084	ng	99
15) Benzyl Alcohol	6.975	79	1122638	71.342	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.110	45	1929216	69.775	ng	99
17) 2-Methylphenol	7.081	107	1092114	73.350	ng	99
18) Hexachloroethane	7.345	117	520192	73.443	ng	97
19) n-Nitroso-di-n-propyla...	7.257	70	941090	70.150	ng	99
20) 3+4-Methylphenols	7.240	107	1265999	67.191	ng	# 85
22) Acetophenone	7.245	105	1646630	68.675	ng	# 95
24) Nitrobenzene	7.422	77	1399699	81.994	ng	97
25) Isophorone	7.657	82	2454830	73.842	ng	99
26) 2-Nitrophenol	7.728	139	593981	80.829	ng	96
27) 2,4-Dimethylphenol	7.763	122	900268	74.098	ng	99
28) bis(2-Chloroethoxy)met...	7.869	93	1499425	71.188	ng	99
29) 2,4-Dichlorophenol	7.969	162	1033455	74.999	ng	99
30) 1,2,4-Trichlorobenzene	8.057	180	1119798	71.799	ng	100
31) Naphthalene	8.140	128	3488407	67.732	ng	99
32) Benzoic acid	7.898	122	869866	80.749	ng	99
33) 4-Chloroaniline	8.192	127	1373750	73.729	ng	100
34) Hexachlorobutadiene	8.251	225	663193	72.129	ng	99
35) Caprolactam	8.569	113	369167	78.800	ng	100
36) 4-Chloro-3-methylphenol	8.657	107	1144506	74.790	ng	98
37) 2-Methylnaphthalene	8.822	142	2270301	68.904	ng	100
38) 1-Methylnaphthalene	8.922	142	2231397	68.910	ng	100
40) 1,2,4,5-Tetrachloroben...	8.987	216	1015621	71.328	ng	100
41) Hexachlorocyclopentadiene	8.975	237	373217	79.096	ng	100
43) 2,4,6-Trichlorophenol	9.098	196	733660	77.418	ng	100
44) 2,4,5-Trichlorophenol	9.134	196	735644	75.868	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.292	154	2671996	67.425	ng	99
47) 2-Chloronaphthalene	9.316	162	2134444	69.446	ng	99
48) 2-Nitroaniline	9.404	65	672379	80.177	ng	97
49) Acenaphthylene	9.728	152	3058781	69.133	ng	98
50) Dimethylphthalate	9.592	163	2454844	72.109	ng	99
51) 2,6-Dinitrotoluene	9.651	165	571642	79.723	ng	100
52) Acenaphthene	9.904	154	2125174	71.048	ng	99
53) 3-Nitroaniline	9.822	138	618458	79.606	ng	# 94
54) 2,4-Dinitrophenol	9.922	184	217487	79.264	ng	# 1
55) Dibenzofuran	10.075	168	2876315	68.424	ng	99
56) 4-Nitrophenol	9.969	139	520450	89.372	ng	97
57) 2,4-Dinitrotoluene	10.051	165	704156	79.614	ng	97
58) Fluorene	10.416	166	2204698	67.635	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.186	232	624965	77.824	ng	99
60) Diethylphthalate	10.292	149	2431548	72.349	ng	99
61) 4-Chlorophenyl-phenyle...	10.410	204	1077930	68.724	ng	98
62) 4-Nitroaniline	10.439	138	622110	80.074	ng	97
63) Azobenzene	10.569	77	2525786	71.600	ng	99
65) 4,6-Dinitro-2-methylph...	10.463	198	323476	81.463	ng	98
66) n-Nitrosodiphenylamine	10.528	169	2022411	70.890	ng	99
67) 4-Bromophenyl-phenylether	10.898	248	713807	72.884	ng	99
68) Hexachlorobenzene	10.963	284	798823	73.971	ng	99
70) Pentachlorophenol	11.151	266	559728	83.248	ng	100
71) Phenanthrene	11.375	178	3286287	68.921	ng	99
72) Anthracene	11.428	178	3204142	68.578	ng	99
73) Carbazole	11.580	167	3104460	69.118	ng	99
74) Di-n-butylphthalate	11.916	149	3587776	70.229	ng	99
75) Fluoranthene	12.563	202	3500378	67.687	ng	99
77) Benzidine	12.680	184	783695	76.072	ng	99
78) Pyrene	12.792	202	3514654	82.441	ng	99
80) Butylbenzylphthalate	13.416	149	1323506	85.018	ng	98
81) Benzo(a)anthracene	13.980	228	2440118	71.825	ng	100
82) 3,3'-Dichlorobenzidine	13.945	252	735658	72.073	ng	99
83) Chrysene	14.016	228	2321200	75.793	ng	100
84) Bis(2-ethylhexyl)phtha...	13.974	149	1545595	76.541	ng	100
85) Di-n-octyl phthalate	14.598	149	2322268	79.458	ng	100
87) Indeno(1,2,3-cd)pyrene	16.904	276	2898446	88.322	ng	99
88) Benzo(b)fluoranthene	15.027	252	2657521	73.152	ng	100
89) Benzo(k)fluoranthene	15.057	252	1897702	66.649	ng	100
90) Benzo(a)pyrene	15.392	252	2098162	74.410	ng	99
91) Dibenzo(a,h)anthracene	16.927	278	2334266	87.749	ng	99
92) Benzo(g,h,i)perylene	17.351	276	2487019	90.139	ng	99

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

