

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122724\
 Data File : BF141005.D
 Acq On : 27 Dec 2024 19:05
 Operator : RC/JU
 Sample : P5382-01MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1MS

Quant Time: Dec 27 22:20:32 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 00:31:16 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/30/2024
 Supervised By :mohammad ahmed 12/30/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	274904	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	1107161	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	588572	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	918746	20.000	ng	0.00
76) Chrysene-d12	13.980	240	544083	20.000	ng	0.00
86) Perylene-d12	15.433	264	580377	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	1610353	88.300	ng	0.00
7) Phenol-d6	6.445	99	2084728	88.736	ng	0.00
23) Nitrobenzene-d5	7.387	82	1264804	73.087	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	567969	99.309	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	2287273	61.915	ng	0.00
79) Terphenyl-d14	12.927	244	2053110	62.678	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.640	88	331887	40.197	ng	99
3) Pyridine	3.375	79	859712	42.607	ng	100
4) n-Nitrosodimethylamine	3.322	42	446979	43.720	ng	99
6) Aniline	6.487	93	704910	33.643	ng	99
8) 2-Chlorophenol	6.604	128	888272	46.197	ng	99
9) Benzaldehyde	6.369	77	169069	8.126	ng	98
10) Phenol	6.463	94	1132432	46.616	ng	100
11) bis(2-Chloroethyl)ether	6.563	93	825545	42.087	ng	99
12) 1,3-Dichlorobenzene	6.763	146	885886	41.748	ng	99
13) 1,4-Dichlorobenzene	6.845	146	899170	42.034	ng	99
14) 1,2-Dichlorobenzene	6.992	146	863076	43.273	ng	99
15) Benzyl Alcohol	6.963	79	780036	46.204	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.098	45	1324514	44.651	ng	99
17) 2-Methylphenol	7.075	107	716296	44.842	ng	100
18) Hexachloroethane	7.340	117	331406	43.612	ng	99
19) n-Nitroso-di-n-propyla...	7.240	70	627535	43.600	ng	100
20) 3+4-Methylphenols	7.228	107	889352	43.996	ng	# 86
22) Acetophenone	7.234	105	1151551	42.398	ng	97
24) Nitrobenzene	7.404	77	927062	47.943	ng	98
25) Isophorone	7.645	82	1683325	44.701	ng	99
26) 2-Nitrophenol	7.722	139	434741	54.103	ng	100
27) 2,4-Dimethylphenol	7.757	122	727306	52.847	ng	100
28) bis(2-Chloroethoxy)met...	7.857	93	1024710	42.948	ng	99
29) 2,4-Dichlorophenol	7.957	162	712675	45.658	ng	99
30) 1,2,4-Trichlorobenzene	8.045	180	733559	41.522	ng	99
31) Naphthalene	8.128	128	2476162	42.443	ng	100
32) Benzoic acid	7.869	122	551379	48.574	ng	98
33) 4-Chloroaniline	8.175	127	234538	11.112	ng	98
34) Hexachlorobutadiene	8.245	225	434954	41.762	ng	100
35) Caprolactam	8.539	113	236688m	44.605	ng	
36) 4-Chloro-3-methylphenol	8.651	107	770907	44.472	ng	100
37) 2-Methylnaphthalene	8.816	142	1619398	43.389	ng	99
38) 1-Methylnaphthalene	8.916	142	1499893	40.891	ng	99
40) 1,2,4,5-Tetrachloroben...	8.981	216	709155	43.796	ng	99
41) Hexachlorocyclopentadiene	8.975	237	679758	126.680	ng	99
43) 2,4,6-Trichlorophenol	9.092	196	509264	47.255	ng	100

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44) 2,4,5-Trichlorophenol	9.128	196	501998	45.525	ng	99
46) 1,1'-Biphenyl	9.281	154	1936042	42.960	ng	100
47) 2-Chloronaphthalene	9.304	162	1474030	42.173	ng	100
48) 2-Nitroaniline	9.398	65	481313	52.190	ng	96
49) Acenaphthylene	9.722	152	2278843	45.291	ng	99
50) Dimethylphthalate	9.586	163	1738039	44.894	ng	100
51) 2,6-Dinitrotoluene	9.639	165	384239	48.617	ng	99
52) Acenaphthene	9.892	154	1637493	48.139	ng	99
53) 3-Nitroaniline	9.804	138	220726	27.224	ng	# 94
54) 2,4-Dinitrophenol	9.910	184	295322	89.242	ng	# 1
55) Dibenzofuran	10.069	168	2096942	43.866	ng	99
56) 4-Nitrophenol	9.963	139	610043	92.118	ng	97
57) 2,4-Dinitrotoluene	10.045	165	508760	52.223	ng	97
58) Fluorene	10.410	166	1575122	42.491	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.181	232	433475	47.466	ng	98
60) Diethylphthalate	10.286	149	1681764	44.002	ng	99
61) 4-Chlorophenyl-phenyle...	10.404	204	765531	42.918	ng	98
62) 4-Nitroaniline	10.422	138	355834	41.938	ng	93
63) Azobenzene	10.563	77	1896935	47.286	ng	95
65) 4,6-Dinitro-2-methylph...	10.451	198	210972	55.726	ng	93
66) n-Nitrosodiphenylamine	10.522	169	1421663	49.140	ng	99
67) 4-Bromophenyl-phenylether	10.892	248	497301	50.072	ng	96
68) Hexachlorobenzene	10.951	284	518836	47.376	ng	97
69) Atrazine	11.045	200	460916	57.027	ng	99
70) Pentachlorophenol	11.145	266	602620	88.381	ng	100
71) Phenanthrene	11.369	178	2431801	50.291	ng	99
72) Anthracene	11.422	178	2296625	48.471	ng	100
73) Carbazole	11.575	167	1888916	41.470	ng	100
74) Di-n-butylphthalate	11.910	149	2404518	46.413	ng	100
75) Fluoranthene	12.557	202	2222434	42.378	ng	99
77) Benzidine	12.674	184	491483	42.743	ng	99
78) Pyrene	12.780	202	2184966	45.918	ng	100
80) Butylbenzylphthalate	13.410	149	783009	45.064	ng	100
81) Benzo(a)anthracene	13.969	228	1680387	44.315	ng	100
82) 3,3'-Dichlorobenzidine	13.933	252	358685	31.484	ng	100
83) Chrysene	14.010	228	1637728	47.910	ng	100
84) Bis(2-ethylhexyl)phtha...	13.969	149	998268	44.292	ng	99
85) Di-n-octyl phthalate	14.586	149	1744116	53.466	ng	99
87) Indeno(1,2,3-cd)pyrene	16.880	276	1455910	39.817	ng	99
88) Benzo(b)fluoranthene	15.015	252	1825516	45.099	ng	99
89) Benzo(k)fluoranthene	15.045	252	1573880	49.610	ng	99
90) Benzo(a)pyrene	15.374	252	1591826	50.666	ng	99
91) Dibenzo(a,h)anthracene	16.898	278	1169470	39.456	ng	100
92) Benzo(g,h,i)perylene	17.315	276	1036393	33.712	ng	100

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

