

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112524\
 Data File : BF140592.D
 Acq On : 25 Nov 2024 10:25
 Operator : RC/JU
 Sample : PB165155BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165155BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/27/2024
 Supervised By :mohammad ahmed 11/27/2024

Quant Time: Nov 25 11:29:22 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	105607	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	402470	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	227380	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	420689	20.000	ng	0.00
76) Chrysene-d12	14.051	240	249819	20.000	ng	0.00
86) Perylene-d12	15.545	264	205614	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	857960	138.614	ng	0.02
7) Phenol-d6	6.516	99	1132208	138.365	ng	0.00
23) Nitrobenzene-d5	7.434	82	732297	93.068	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	337489	138.779	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1410615	92.433	ng	0.00
79) Terphenyl-d14	12.986	244	1517463	94.584	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.757	88	102916	39.547	ng	99
3) Pyridine	3.516	79	268112	46.825	ng	98
4) n-Nitrosodimethylamine	3.469	42	148932	44.256	ng	93
6) Aniline	6.534	93	318877	55.366	ng	# 80
8) 2-Chlorophenol	6.663	128	333587	50.095	ng	96
9) Benzaldehyde	6.422	77	157363	36.327	ng	99
10) Phenol	6.528	94	413606	49.494	ng	98
11) bis(2-Chloroethyl)ether	6.610	93	316006	49.417	ng	100
12) 1,3-Dichlorobenzene	6.810	146	344451	46.035	ng	99
13) 1,4-Dichlorobenzene	6.887	146	352660	46.548	ng	100
14) 1,2-Dichlorobenzene	7.040	146	335679	47.284	ng	100
15) Benzyl Alcohol	7.016	79	304869	50.240	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.140	45	390706	51.717	ng	89
17) 2-Methylphenol	7.128	107	264400	49.601	ng	97
18) Hexachloroethane	7.381	117	130337	46.062	ng	99
19) n-Nitroso-di-n-propyla...	7.281	70	233994	48.386	ng	99
20) 3+4-Methylphenols	7.281	107	336269	49.080	ng	98
22) Acetophenone	7.281	105	449411	45.802	ng	99
24) Nitrobenzene	7.457	77	364668	44.842	ng	97
25) Isophorone	7.692	82	649181	49.466	ng	100
26) 2-Nitrophenol	7.769	139	178069	49.411	ng	97
27) 2,4-Dimethylphenol	7.810	122	269046	62.396	ng	97
28) bis(2-Chloroethoxy)met...	7.898	93	389365	48.700	ng	99
29) 2,4-Dichlorophenol	8.016	162	279680	48.950	ng	99
30) 1,2,4-Trichlorobenzene	8.092	180	291582	44.696	ng	99
31) Naphthalene	8.175	128	956504	46.139	ng	99
32) Benzoic acid	7.939	122	166622	44.944	ng	99
33) 4-Chloroaniline	8.222	127	180280	29.045	ng	99
34) Hexachlorobutadiene	8.286	225	193754	44.840	ng	98
35) Caprolactam	8.598	113	85517m	48.364	ng	
36) 4-Chloro-3-methylphenol	8.716	107	312565	48.860	ng	99
37) 2-Methylnaphthalene	8.863	142	639362	48.557	ng	100
38) 1-Methylnaphthalene	8.963	142	591448	45.825	ng	99
40) 1,2,4,5-Tetrachloroben...	9.034	216	314214	47.204	ng	99
41) Hexachlorocyclopentadiene	9.016	237	277142	175.634	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	198114	47.431	ng	99

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44) 2,4,5-Trichlorophenol	9.192	196	210257	46.382	ng	99
46) 1,1'-Biphenyl	9.328	154	798720	47.049	ng	99
47) 2-Chloronaphthalene	9.357	162	592792	46.084	ng	99
48) 2-Nitroaniline	9.457	65	197366	47.801	ng	96
49) Acenaphthylene	9.775	152	976982	50.267	ng	100
50) Dimethylphthalate	9.633	163	723588	48.319	ng	100
51) 2,6-Dinitrotoluene	9.698	165	155025	45.646	ng	95
52) Acenaphthene	9.945	154	597641	48.395	ng	99
53) 3-Nitroaniline	9.869	138	110595	33.294	ng	94
54) 2,4-Dinitrophenol	9.980	184	146035	82.728	ng	98
55) Dibenzofuran	10.116	168	894204	47.472	ng	99
56) 4-Nitrophenol	10.045	139	215210	94.999	ng	94
57) 2,4-Dinitrotoluene	10.104	165	215094	47.653	ng	97
58) Fluorene	10.463	166	706485	46.726	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	181758	52.171	ng	93
60) Diethylphthalate	10.328	149	717434	47.153	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	344099	46.374	ng	97
62) 4-Nitroaniline	10.486	138	164308	47.163	ng	94
63) Azobenzene	10.610	77	689644	47.864	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	109115	50.757	ng	97
66) n-Nitrosodiphenylamine	10.569	169	607028	48.793	ng	100
67) 4-Bromophenyl-phenylether	10.939	248	209711	48.405	ng	97
68) Hexachlorobenzene	11.010	284	238415	47.526	ng	99
69) Atrazine	11.098	200	202034	57.726	ng	99
70) Pentachlorophenol	11.210	266	214830	97.300	ng	98
71) Phenanthrene	11.427	178	988516	48.883	ng	100
72) Anthracene	11.480	178	1005819	50.848	ng	100
73) Carbazole	11.633	167	925425	48.631	ng	100
74) Di-n-butylphthalate	11.957	149	1080304	49.173	ng	99
75) Fluoranthene	12.616	202	1064109	48.465	ng	99
77) Benzidine	12.733	184	330811	45.545	ng	99
78) Pyrene	12.845	202	1079257	46.723	ng	99
80) Butylbenzylphthalate	13.457	149	412314	49.550	ng	97
81) Benzo(a)anthracene	14.039	228	822068	49.711	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	159962	32.218	ng	99
83) Chrysene	14.080	228	753732	49.846	ng	100
84) Bis(2-ethylhexyl)phtha...	14.016	149	545068	51.876	ng	99
85) Di-n-octyl phthalate	14.645	149	787204	54.822	ng	98
87) Indeno(1,2,3-cd)pyrene	17.062	276	662218	49.421	ng	98
88) Benzo(b)fluoranthene	15.110	252	656898	50.864	ng	99
89) Benzo(k)fluoranthene	15.139	252	557993	49.373	ng	99
90) Benzo(a)pyrene	15.486	252	561500	53.472	ng	99
91) Dibenzo(a,h)anthracene	17.068	278	533261	48.594	ng	98
92) Benzo(g,h,i)perylene	17.515	276	495303	44.231	ng	98

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

