

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071024\
 Data File : BF138499.D
 Acq On : 10 Jul 2024 13:58
 Operator : CG\JU
 Sample : PB161976BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161976BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/11/2024
 Supervised By :mohammad ahmed 07/11/2024

Quant Time: Jul 10 14:19:17 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 16:58:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	105378	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	430636	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	232533	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	435588	20.000	ng	0.00
76) Chrysene-d12	14.027	240	221800	20.000	ng	0.00
86) Perylene-d12	15.486	264	190346	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	606981	91.225	ng	0.01
7) Phenol-d6	6.504	99	810928	91.616	ng	0.00
23) Nitrobenzene-d5	7.434	82	769976	87.787	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	213473	98.227	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1348564	90.640	ng	0.00
79) Terphenyl-d14	12.974	244	1413110	103.793	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.740	88	113742	38.598	ng	98
3) Pyridine	3.481	79	290490	39.973	ng	98
4) n-Nitrosodimethylamine	3.451	42	217582	45.993	ng	93
6) Aniline	6.528	93	333910	40.276	ng	94
8) 2-Chlorophenol	6.651	128	344719	48.997	ng	95
9) Benzaldehyde	6.416	77	45011	9.501	ng	98
10) Phenol	6.522	94	448899	47.780	ng	96
11) bis(2-Chloroethyl)ether	6.604	93	335763	47.466	ng	99
12) 1,3-Dichlorobenzene	6.810	146	344886	43.610	ng	98
13) 1,4-Dichlorobenzene	6.887	146	355065	44.213	ng	99
14) 1,2-Dichlorobenzene	7.034	146	340593	45.536	ng	99
15) Benzyl Alcohol	7.010	79	331395	49.888	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.139	45	667977	48.019	ng	99
17) 2-Methylphenol	7.128	107	280540	48.654	ng	97
18) Hexachloroethane	7.375	117	133030	45.060	ng	96
19) n-Nitroso-di-n-propyla...	7.281	70	260606	47.649	ng	99
20) 3+4-Methylphenols	7.281	107	341176	46.988	ng	# 88
22) Acetophenone	7.275	105	469460	44.886	ng	# 95
24) Nitrobenzene	7.451	77	391790	43.956	ng	97
25) Isophorone	7.692	82	729534	48.434	ng	98
26) 2-Nitrophenol	7.763	139	186605	48.846	ng	93
27) 2,4-Dimethylphenol	7.804	122	311114	66.261	ng	99
28) bis(2-Chloroethoxy)met...	7.898	93	424152	47.118	ng	98
29) 2,4-Dichlorophenol	8.010	162	287771	47.197	ng	98
30) 1,2,4-Trichlorobenzene	8.086	180	314672	44.302	ng	98
31) Naphthalene	8.169	128	993900	44.377	ng	99
32) Benzoic acid	7.945	122	211181	47.157	ng	96
33) 4-Chloroaniline	8.216	127	216504	27.551	ng	98
34) Hexachlorobutadiene	8.281	225	185704	42.457	ng	98
35) Caprolactam	8.598	113	98238m	49.930	ng	
36) 4-Chloro-3-methylphenol	8.710	107	322257	47.210	ng	97
37) 2-Methylnaphthalene	8.863	142	658191	45.667	ng	100
38) 1-Methylnaphthalene	8.963	142	605195	43.025	ng	98
40) 1,2,4,5-Tetrachloroben...	9.028	216	299017	46.139	ng	99
41) Hexachlorocyclopentadiene	9.016	237	370157	175.967	ng	99
43) 2,4,6-Trichlorophenol	9.139	196	204873	49.558	ng	99

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44) 2,4,5-Trichlorophenol	9.192	196	215767	47.454	ng	96
46) 1,1'-Biphenyl	9.328	154	816264	46.320	ng	99
47) 2-Chloronaphthalene	9.351	162	618819	46.482	ng	98
48) 2-Nitroaniline	9.451	65	234387	50.806	ng	95
49) Acenaphthylene	9.769	152	936073	49.524	ng	100
50) Dimethylphthalate	9.633	163	752351	50.037	ng	100
51) 2,6-Dinitrotoluene	9.692	165	170200	49.162	ng	90
52) Acenaphthene	9.939	154	603273	48.016	ng	99
53) 3-Nitroaniline	9.863	138	122177	34.432	ng	100
54) 2,4-Dinitrophenol	9.975	184	198632	105.335	ng	# 85
55) Dibenzofuran	10.110	168	878197	48.190	ng	98
56) 4-Nitrophenol	10.039	139	286929	109.592	ng	92
57) 2,4-Dinitrotoluene	10.098	165	227048	50.688	ng	97
58) Fluorene	10.457	166	685024	47.506	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.227	232	190151	52.990	ng	98
60) Diethylphthalate	10.327	149	725056	50.020	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	337887	46.665	ng	96
62) 4-Nitroaniline	10.480	138	174579	49.099	ng	98
63) Azobenzene	10.604	77	755976	48.508	ng	99
65) 4,6-Dinitro-2-methylph...	10.504	198	136358	54.215	ng	80
66) n-Nitrosodiphenylamine	10.569	169	606339	46.461	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	207019	46.240	ng	100
68) Hexachlorobenzene	10.998	284	223107	44.858	ng	100
69) Atrazine	11.092	200	212173	49.036	ng	97
70) Pentachlorophenol	11.198	266	259025	88.013	ng	98
71) Phenanthrene	11.416	178	1035287	47.045	ng	99
72) Anthracene	11.469	178	1045179	47.846	ng	99
73) Carbazole	11.621	167	909514	46.330	ng	99
74) Di-n-butylphthalate	11.945	149	1103097	48.748	ng	99
75) Fluoranthene	12.604	202	1045522	46.561	ng	99
77) Benzidine	12.721	184	165175	29.517	ng	99
78) Pyrene	12.833	202	1056450	46.921	ng	99
80) Butylbenzylphthalate	13.445	149	371231	54.809	ng	98
81) Benzo(a)anthracene	14.015	228	709261	47.656	ng	100
82) 3,3'-Dichlorobenzidine	13.974	252	158793	41.407	ng	# 97
83) Chrysene	14.051	228	653650	46.427	ng	100
84) Bis(2-ethylhexyl)phtha...	13.998	149	407434	56.403	ng	97
85) Di-n-octyl phthalate	14.610	149	549009	48.110	ng	100
87) Indeno(1,2,3-cd)pyrene	16.962	276	674255	52.736	ng	100
88) Benzo(b)fluoranthene	15.062	252	537956	50.184	ng	99
89) Benzo(k)fluoranthene	15.092	252	510769	48.855	ng	99
90) Benzo(a)pyrene	15.427	252	469112	49.816	ng	99
91) Dibenzo(a,h)anthracene	16.980	278	562434	53.777	ng	99
92) Benzo(g,h,i)perylene	17.409	276	567672	51.186	ng	97

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

