

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103024\
 Data File : BF140154.D
 Acq On : 30 Oct 2024 13:43
 Operator : RC/JU
 Sample : PB164531BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164531BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

11/04/2024
 Supervised By :mohammad
 ahmed

Quant Time: Oct 30 14:28:04 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	105620	20.000	ng	-0.01
21) Naphthalene-d8	8.163	136	408885	20.000	ng	-0.01
39) Acenaphthene-d10	9.928	164	234784	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	443747	20.000	ng	0.00
76) Chrysene-d12	14.074	240	268777	20.000	ng	0.02
86) Perylene-d12	15.574	264	246640	20.000	ng	0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	888404	131.678	ng	0.01
7) Phenol-d6	6.510	99	1131139	129.448	ng	0.00
23) Nitrobenzene-d5	7.445	82	774829	105.027	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	351986	160.278	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1418927	99.881	ng	0.00
79) Terphenyl-d14	13.010	244	1639392	99.389	ng	0.01

Target Compounds					Qvalue
2) 1,4-Dioxane	2.758	88	130252	41.407	ng 100
3) Pyridine	3.505	79	325121	41.697	ng 96
4) n-Nitrosodimethylamine	3.463	42	207894	49.626	ng # 93
6) Aniline	6.546	93	411553	50.536	ng 99
8) 2-Chlorophenol	6.669	128	360539	52.273	ng 99
9) Benzaldehyde	6.434	77	66464	13.521	ng 99
10) Phenol	6.522	94	449863m	49.937	ng
11) bis(2-Chloroethyl)ether	6.622	93	354492	50.911	ng 99
12) 1,3-Dichlorobenzene	6.828	146	388045	49.011	ng 99
13) 1,4-Dichlorobenzene	6.898	146	392076	49.567	ng 98
14) 1,2-Dichlorobenzene	7.051	146	374091	50.673	ng 99
15) Benzyl Alcohol	7.022	79	340672	53.149	ng 98
16) 2,2'-oxybis(1-Chloropr...	7.157	45	621636	52.358	ng 99
17) 2-Methylphenol	7.128	107	299763	50.969	ng 98
18) Hexachloroethane	7.393	117	146702	52.008	ng 100
19) n-Nitroso-di-n-propyla...	7.293	70	266508	50.288	ng 100
20) 3+4-Methylphenols	7.281	107	366247	48.686	ng # 87
22) Acetophenone	7.293	105	494591	49.385	ng 99
24) Nitrobenzene	7.463	77	410928	50.803	ng 99
25) Isophorone	7.698	82	740247	52.866	ng 99
26) 2-Nitrophenol	7.781	139	187293	61.378	ng 98
27) 2,4-Dimethylphenol	7.810	122	299480	58.858	ng 97
28) bis(2-Chloroethoxy)met...	7.910	93	434154	51.176	ng 100
29) 2,4-Dichlorophenol	8.016	162	307502	53.059	ng 99
30) 1,2,4-Trichlorobenzene	8.104	180	317020	49.435	ng 99
31) Naphthalene	8.187	128	1063751	50.444	ng 100
32) Benzoic acid	7.928	122	226251	50.982	ng 99
33) 4-Chloroaniline	8.228	127	257021	35.744	ng 99
34) Hexachlorobutadiene	8.298	225	210472	52.236	ng 99
35) Caprolactam	8.604	113	96014m	52.103	ng
36) 4-Chloro-3-methylphenol	8.710	107	341638	53.237	ng 99
37) 2-Methylnaphthalene	8.875	142	678725	52.553	ng 98
38) 1-Methylnaphthalene	8.975	142	635477	50.152	ng 99
40) 1,2,4,5-Tetrachloroben...	9.045	216	320179	50.548	ng 99
41) Hexachlorocyclopentadiene	9.028	237	427659	194.041	ng 99
43) 2,4,6-Trichlorophenol	9.157	196	244563	54.535	ng 100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	237854	51.408	ng	99
46) 1,1'-Biphenyl	9.345	154	823749	50.399	ng	99
47) 2-Chloronaphthalene	9.369	162	655209	49.773	ng	99
48) 2-Nitroaniline	9.463	65	244166	60.645	ng	99
49) Acenaphthylene	9.787	152	1036967	54.488	ng	99
50) Dimethylphthalate	9.651	163	794006	54.294	ng	100
51) 2,6-Dinitrotoluene	9.710	165	176385	55.705	ng	98
52) Acenaphthene	9.963	154	746544	60.639	ng	100
53) 3-Nitroaniline	9.881	138	140362	42.985	ng	95
54) 2,4-Dinitrophenol	9.986	184	212399	154.802	ng	# 1
55) Dibenzofuran	10.134	168	922175	52.207	ng	98
56) 4-Nitrophenol	10.039	139	292960	116.614	ng	91
57) 2,4-Dinitrotoluene	10.116	165	241461	62.011	ng	95
58) Fluorene	10.481	166	710796	52.833	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	203369	56.070	ng	99
60) Diethylphthalate	10.351	149	782318	54.483	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	353552	52.038	ng	99
62) 4-Nitroaniline	10.504	138	187243	60.714	ng	94
63) Azobenzene	10.634	77	802415	52.712	ng	98
65) 4,6-Dinitro-2-methylph...	10.528	198	139053	76.824	ng	96
66) n-Nitrosodiphenylamine	10.592	169	657328	49.493	ng	99
67) 4-Bromophenyl-phenylether	10.963	248	231219	50.579	ng	98
68) Hexachlorobenzene	11.028	284	257457	50.076	ng	99
69) Atrazine	11.122	200	223781	62.201	ng	99
70) Pentachlorophenol	11.222	266	323136	103.559	ng	99
71) Phenanthrene	11.445	178	1062070	50.670	ng	100
72) Anthracene	11.498	178	1090470	53.321	ng	100
73) Carbazole	11.651	167	962896	50.626	ng	99
74) Di-n-butylphthalate	11.980	149	1223149	55.662	ng	99
75) Fluoranthene	12.633	202	1117308	52.729	ng	99
77) Benzidine	12.757	184	223450	50.559	ng	97
78) Pyrene	12.869	202	1145259	48.679	ng	100
80) Butylbenzylphthalate	13.486	149	459601	65.160	ng	99
81) Benzo(a)anthracene	14.057	228	923039	52.756	ng	100
82) 3,3'-Dichlorobenzidine	14.022	252	221747	43.468	ng	99
83) Chrysene	14.098	228	849568	52.958	ng	100
84) Bis(2-ethylhexyl)phtha...	14.051	149	599211	75.719	ng	99
85) Di-n-octyl phthalate	14.680	149	946177	65.735	ng	99
87) Indeno(1,2,3-cd)pyrene	17.098	276	865265	54.532	ng	98
88) Benzo(b)fluoranthene	15.133	252	824119	54.853	ng	99
89) Benzo(k)fluoranthene	15.169	252	723371	55.828	ng	99
90) Benzo(a)pyrene	15.510	252	723819	58.550	ng	100
91) Dibenzo(a,h)anthracene	17.121	278	701220	52.976	ng	99
92) Benzo(g,h,i)perylene	17.568	276	646218	48.876	ng	98

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

