

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102324\
 Data File : BF139959.D
 Acq On : 23 Oct 2024 12:39
 Operator : RC/JU
 Sample : PB164123BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

PB164123BS

Manual Integrations

APPROVED

Reviewed By :Yogesh

Patel

10/24/2024

Supervised By :mohammad

ahmed

10/25/2024

Quant Time: Oct 23 13:22:34 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	6.892	152	157015	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	616380	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	348472	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	625574	20.000	ng	0.00
76) Chrysene-d12	14.057	240	318250	20.000	ng	0.00
86) Perylene-d12	15.533	264	349349	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1314086	131.018	ng	0.02
7) Phenol-d6	6.516	99	1659988	127.788	ng	0.00
23) Nitrobenzene-d5	7.451	82	1077187	96.858	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	515054	158.016	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1931021	91.582	ng	0.00
79) Terphenyl-d14	13.004	244	2004549	102.635	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.763	88	175992	37.634	ng	96
3) Pyridine	3.516	79	471114	40.644	ng	96
4) n-Nitrosodimethylamine	3.469	42	267760	42.995	ng	95
6) Aniline	6.551	93	557615	46.059	ng	98
8) 2-Chlorophenol	6.675	128	511606	49.896	ng	97
9) Benzaldehyde	6.440	77	126825	17.355	ng	97
10) Phenol	6.528	94	639467m	47.749	ng	
11) bis(2-Chloroethyl)ether	6.628	93	485330	46.886	ng	98
12) 1,3-Dichlorobenzene	6.834	146	537187	45.640	ng	98
13) 1,4-Dichlorobenzene	6.910	146	546217	46.450	ng	99
14) 1,2-Dichlorobenzene	7.063	146	524912	47.829	ng	98
15) Benzyl Alcohol	7.028	79	471637	49.496	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.163	45	810592	45.925	ng	97
17) 2-Methylphenol	7.140	107	431652	49.370	ng	99
18) Hexachloroethane	7.404	117	195039	46.512	ng	96
19) n-Nitroso-di-n-propyla...	7.304	70	367544	46.651	ng	96
20) 3+4-Methylphenols	7.292	107	518857	46.396	ng	# 81
22) Acetophenone	7.298	105	692884	45.895	ng	99
24) Nitrobenzene	7.475	77	555417	45.551	ng	98
25) Isophorone	7.710	82	1009777	47.838	ng	99
26) 2-Nitrophenol	7.787	139	268407	58.350	ng	95
27) 2,4-Dimethylphenol	7.822	122	428034	55.805	ng	100
28) bis(2-Chloroethoxy)met...	7.922	93	600864	46.984	ng	100
29) 2,4-Dichlorophenol	8.028	162	425845	48.743	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	442395	45.763	ng	99
31) Naphthalene	8.192	128	1480485	46.572	ng	100
32) Benzoic acid	7.934	122	331294	49.522	ng	94
33) 4-Chloroaniline	8.239	127	279577	25.792	ng	98
34) Hexachlorobutadiene	8.310	225	281463	46.339	ng	99
35) Caprolactam	8.610	113	144372m	51.971	ng	
36) 4-Chloro-3-methylphenol	8.716	107	471188	48.707	ng	98
37) 2-Methylnaphthalene	8.886	142	934188	47.983	ng	100
38) 1-Methylnaphthalene	8.986	142	875790	45.850	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	441914	47.006	ng	99
41) Hexachlorocyclopentadiene	9.039	237	575484	175.926	ng	100
43) 2,4,6-Trichlorophenol	9.163	196	338719	50.889	ng	99

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44) 2,4,5-Trichlorophenol	9.198	196	339933	49.501	ng	99
46) 1,1'-Biphenyl	9.351	154	1126703	46.445	ng	100
47) 2-Chloronaphthalene	9.375	162	901688	46.150	ng	99
48) 2-Nitroaniline	9.469	65	316703	52.999	ng	93
49) Acenaphthylene	9.792	152	1409992	49.917	ng	99
50) Dimethylphthalate	9.651	163	1070887	49.337	ng	100
51) 2,6-Dinitrotoluene	9.710	165	240598	51.194	ng	97
52) Acenaphthene	9.963	154	980931	53.683	ng	99
53) 3-Nitroaniline	9.881	138	165720	34.194	ng	95
54) 2,4-Dinitrophenol	9.986	184	264001	130.698	ng	# 1
55) Dibenzofuran	10.139	168	1240679	47.324	ng	98
56) 4-Nitrophenol	10.033	139	396279	106.278	ng	100
57) 2,4-Dinitrotoluene	10.116	165	329266	56.973	ng	96
58) Fluorene	10.480	166	935732	46.861	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	289740	53.821	ng	96
60) Diethylphthalate	10.351	149	1041864	48.887	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	475776	47.181	ng	99
62) 4-Nitroaniline	10.498	138	243551	53.208	ng	94
63) Azobenzene	10.633	77	1058273	46.839	ng	96
65) 4,6-Dinitro-2-methylph...	10.522	198	178099	69.796	ng	93
66) n-Nitrosodiphenylamine	10.592	169	894297	47.764	ng	99
67) 4-Bromophenyl-phenylether	10.963	248	313776	48.688	ng	94
68) Hexachlorobenzene	11.028	284	354277	48.879	ng	95
69) Atrazine	11.116	200	291198	57.414	ng	99
70) Pentachlorophenol	11.216	266	442639	100.626	ng	100
71) Phenanthrene	11.445	178	1412519	47.802	ng	100
72) Anthracene	11.492	178	1430590	49.620	ng	99
73) Carbazole	11.645	167	1254503	46.786	ng	100
74) Di-n-butylphthalate	11.975	149	1506787	48.640	ng	100
75) Fluoranthene	12.627	202	1394053	46.667	ng	100
77) Benzidine	12.745	184	329626	62.989	ng	99
78) Pyrene	12.857	202	1391086	49.936	ng	100
80) Butylbenzylphthalate	13.474	149	451349	54.043	ng	98
81) Benzo(a)anthracene	14.045	228	1042409	50.317	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	240244	39.773	ng	98
83) Chrysene	14.080	228	963784	50.739	ng	100
84) Bis(2-ethylhexyl)phtha...	14.033	149	532526	56.832	ng	99
85) Di-n-octyl phthalate	14.645	149	950001	55.741	ng	97
87) Indeno(1,2,3-cd)pyrene	17.033	276	1244594	55.378	ng	98
88) Benzo(b)fluoranthene	15.098	252	1062781	49.941	ng	99
89) Benzo(k)fluoranthene	15.127	252	864638	47.112	ng	100
90) Benzo(a)pyrene	15.468	252	941642	53.776	ng	99
91) Dibenzo(a,h)anthracene	17.057	278	1028811	54.874	ng	98
92) Benzo(g,h,i)perylene	17.486	276	954801	50.984	ng	99

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

