

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090324\
 Data File : BF139228.D
 Acq On : 03 Sep 2024 11:23
 Operator : RC/JU
 Sample : PB163089BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

PB163089BS

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/04/2024
 Supervised By :mohammad ahmed 09/06/2024

Quant Time: Sep 04 01:54:49 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082924.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Aug 29 15:46:29 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	131884	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	492919	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	281284	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	495061	20.000	ng	0.00
76) Chrysene-d12	14.051	240	257821	20.000	ng	0.00
86) Perylene-d12	15.521	264	225348	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	975944	118.626	ng	0.02
7) Phenol-d6	6.522	99	1274061	116.740	ng	0.00
23) Nitrobenzene-d5	7.457	82	848187	82.717	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	363497	128.830	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1421563	78.690	ng	0.00
79) Terphenyl-d14	12.998	244	1506539	84.229	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.769	88	113072	31.424	ng	99
3) Pyridine	3.510	79	287017	31.356	ng	99
4) n-Nitrosodimethylamine	3.475	42	226667	45.817	ng	98
6) Aniline	6.551	93	244880	24.360	ng	# 81
8) 2-Chlorophenol	6.675	128	376788	45.579	ng	99
9) Benzaldehyde	6.434	77	63875	9.178	ng	99
10) Phenol	6.540	94	494704	43.351	ng	93
11) bis(2-Chloroethyl)ether	6.628	93	381357	45.309	ng	99
12) 1,3-Dichlorobenzene	6.828	146	407976	41.690	ng	99
13) 1,4-Dichlorobenzene	6.904	146	415278	42.000	ng	99
14) 1,2-Dichlorobenzene	7.057	146	393280	42.492	ng	99
15) Benzyl Alcohol	7.028	79	386080	45.425	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.157	45	534488	44.706	ng	90
17) 2-Methylphenol	7.140	107	309836	44.385	ng	97
18) Hexachloroethane	7.398	117	146345	42.735	ng	95
19) n-Nitroso-di-n-propyla...	7.304	70	302317	44.519	ng	99
20) 3+4-Methylphenols	7.293	107	388401	42.931	ng	95
22) Acetophenone	7.298	105	505897	40.343	ng	94
24) Nitrobenzene	7.475	77	454789	42.410	ng	99
25) Isophorone	7.710	82	804356	45.260	ng	99
26) 2-Nitrophenol	7.787	139	180196	46.941	ng	98
27) 2,4-Dimethylphenol	7.822	122	266729	47.358	ng	98
28) bis(2-Chloroethoxy)met...	7.922	93	446811	43.181	ng	99
29) 2,4-Dichlorophenol	8.028	162	317619	43.840	ng	98
30) 1,2,4-Trichlorobenzene	8.110	180	349104	41.989	ng	100
31) Naphthalene	8.193	128	1061119	41.983	ng	100
32) Benzoic acid	7.951	122	210253	42.025	ng	99
33) 4-Chloroaniline	8.240	127	199705	23.050	ng	100
34) Hexachlorobutadiene	8.310	225	223584	40.796	ng	99
35) Caprolactam	8.616	113	87536m	40.557	ng	
36) 4-Chloro-3-methylphenol	8.722	107	352023	44.261	ng	98
37) 2-Methylnaphthalene	8.887	142	681071	42.769	ng	100
38) 1-Methylnaphthalene	8.981	142	631600	40.216	ng	100
40) 1,2,4,5-Tetrachloroben...	9.045	216	322532	38.581	ng	99
41) Hexachlorocyclopentadiene	9.034	237	286735	97.926	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	236362	44.450	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	237925	41.576	ng	98
46) 1,1'-Biphenyl	9.351	154	789643	39.169	ng	100
47) 2-Chloronaphthalene	9.375	162	667470	41.710	ng	99
48) 2-Nitroaniline	9.469	65	236491	47.992	ng	98
49) Acenaphthylene	9.792	152	1043119	45.857	ng	100
50) Dimethylphthalate	9.651	163	784129	44.520	ng	99
51) 2,6-Dinitrotoluene	9.710	165	174347	45.801	ng	96
52) Acenaphthene	9.963	154	715327	47.100	ng	99
53) 3-Nitroaniline	9.881	138	130995	34.935	ng	95
54) 2,4-Dinitrophenol	9.986	184	167483	82.503	ng	# 90
55) Dibenzofuran	10.134	168	947308	43.304	ng	99
56) 4-Nitrophenol	10.039	139	259598	90.543	ng	97
57) 2,4-Dinitrotoluene	10.116	165	231936	48.368	ng	98
58) Fluorene	10.475	166	733852	42.391	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	205190	45.217	ng	97
60) Diethylphthalate	10.351	149	756390	44.932	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	371490	42.768	ng	100
62) 4-Nitroaniline	10.498	138	159718	43.378	ng	96
63) Azobenzene	10.628	77	831743	44.826	ng	100
65) 4,6-Dinitro-2-methylph...	10.522	198	119265	48.769	ng	98
66) n-Nitrosodiphenylamine	10.586	169	637510	43.357	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	232035	43.126	ng	97
68) Hexachlorobenzene	11.022	284	249367	42.375	ng	98
69) Atrazine	11.116	200	157358	43.027	ng	99
70) Pentachlorophenol	11.216	266	303622	81.539	ng	98
71) Phenanthrene	11.439	178	1085116	43.578	ng	99
72) Anthracene	11.492	178	1064220	43.784	ng	99
73) Carbazole	11.645	167	936390	43.665	ng	100
74) Di-n-butylphthalate	11.975	149	1084302	47.291	ng	100
75) Fluoranthene	12.622	202	1054510	43.016	ng	99
77) Benzidine	12.745	184	21648	4.249	ng	98
78) Pyrene	12.851	202	1043943	42.136	ng	100
80) Butylbenzylphthalate	13.469	149	308639	53.456	ng	99
81) Benzo(a)anthracene	14.039	228	773936	45.834	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	166993	37.664	ng	99
83) Chrysene	14.074	228	705132	44.863	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	318180	51.225	ng	100
85) Di-n-octyl phthalate	14.645	149	553913	47.148	ng	100
87) Indeno(1,2,3-cd)pyrene	17.010	276	794288	49.990	ng	100
88) Benzo(b)fluoranthene	15.092	252	656594	48.647	ng	99
89) Benzo(k)fluoranthene	15.121	252	636744	54.102	ng	99
90) Benzo(a)pyrene	15.463	252	610104	53.609	ng	99
91) Dibenzo(a,h)anthracene	17.027	278	662832	50.130	ng	100
92) Benzo(g,h,i)perylene	17.457	276	624021	46.826	ng	99

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

