

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070524\
 Data File : BF138464.D
 Acq On : 05 Jul 2024 12:53
 Operator : CG\JU
 Sample : PB161894BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

PB161894BS

Manual Integrations

APPROVED

Reviewed By :Yogesh

Patel

07/08/2024

Supervised By :mohammad

ahmed

07/08/2024

Quant Time: Jul 05 13:15:13 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 29 02:44:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	128277	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	527419	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	296612	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	505964	20.000	ng	0.00
76) Chrysene-d12	14.039	240	217140	20.000	ng	# 0.01
86) Perylene-d12	15.504	264	249423	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1026126	132.625	ng	0.02
7) Phenol-d6	6.522	99	1367945	131.248	ng	0.00
23) Nitrobenzene-d5	7.445	82	902130	88.855	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	329746	136.070	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1513576	81.210	ng	0.00
79) Terphenyl-d14	12.980	244	1333274	84.146	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.728	88	124595	34.188	ng	97
3) Pyridine	3.481	79	308112	35.439	ng	98
4) n-Nitrosodimethylamine	3.440	42	265113	48.877	ng	93
6) Aniline	6.540	93	301508	29.644	ng	# 91
8) 2-Chlorophenol	6.663	128	409917	49.352	ng	99
9) Benzaldehyde	6.428	77	154364	23.996	ng	98
10) Phenol	6.534	94	523513	47.145	ng	92
11) bis(2-Chloroethyl)ether	6.616	93	390687	44.798	ng	99
12) 1,3-Dichlorobenzene	6.816	146	405548	42.636	ng	98
13) 1,4-Dichlorobenzene	6.892	146	407219	42.697	ng	100
14) 1,2-Dichlorobenzene	7.045	146	398343	45.242	ng	98
15) Benzyl Alcohol	7.022	79	388412	52.030	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.145	45	787167	44.748	ng	96
17) 2-Methylphenol	7.134	107	325408	47.272	ng	95
18) Hexachloroethane	7.387	117	151237	43.963	ng	95
19) n-Nitroso-di-n-propyla...	7.292	70	298555	45.438	ng	98
20) 3+4-Methylphenols	7.287	107	395845	49.491	ng	100
22) Acetophenone	7.287	105	544261	45.487	ng	# 98
24) Nitrobenzene	7.463	77	464270	44.959	ng	98
25) Isophorone	7.698	82	837418	44.732	ng	99
26) 2-Nitrophenol	7.775	139	219290	49.232	ng	96
27) 2,4-Dimethylphenol	7.810	122	289169	50.725	ng	97
28) bis(2-Chloroethoxy)met...	7.904	93	488254	43.329	ng	99
29) 2,4-Dichlorophenol	8.022	162	340638	46.524	ng	98
30) 1,2,4-Trichlorobenzene	8.098	180	364787	42.850	ng	98
31) Naphthalene	8.181	128	1172095	43.960	ng	100
32) Benzoic acid	7.957	122	259444	49.639	ng	97
33) 4-Chloroaniline	8.228	127	198978	21.368	ng	98
34) Hexachlorobutadiene	8.292	225	211962	41.470	ng	98
35) Caprolactam	8.610	113	117226m	50.702	ng	
36) 4-Chloro-3-methylphenol	8.716	107	383626	49.190	ng	97
37) 2-Methylnaphthalene	8.869	142	759325	44.065	ng	99
38) 1-Methylnaphthalene	8.969	142	705359	42.207	ng	100
40) 1,2,4,5-Tetrachloroben...	9.034	216	352912	43.015	ng	98
41) Hexachlorocyclopentadiene	9.022	237	276458	114.477	ng	98
43) 2,4,6-Trichlorophenol	9.151	196	235750	45.158	ng	99

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44) 2,4,5-Trichlorophenol	9.204	196	253185	44.594	ng	98
46) 1,1'-Biphenyl	9.333	154	943111	42.584	ng	99
47) 2-Chloronaphthalene	9.363	162	714570	42.317	ng	99
48) 2-Nitroaniline	9.457	65	280464	51.490	ng	92
49) Acenaphthylene	9.775	152	1127498	47.478	ng	100
50) Dimethylphthalate	9.639	163	859134	45.069	ng	100
51) 2,6-Dinitrotoluene	9.704	165	197301	46.213	ng	88
52) Acenaphthene	9.951	154	802722m	49.365	ng	
53) 3-Nitroaniline	9.869	138	142438	33.780	ng	95
54) 2,4-Dinitrophenol	9.980	184	195901	105.304	ng	95
55) Dibenzofuran	10.122	168	1001181	44.686	ng	98
56) 4-Nitrophenol	10.045	139	285320	104.362	ng	84
57) 2,4-Dinitrotoluene	10.104	165	260302	49.518	ng	95
58) Fluorene	10.463	166	772681	43.403	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.239	232	207345	49.168	ng	98
60) Diethylphthalate	10.339	149	810650	45.484	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	379629	42.029	ng	93
62) 4-Nitroaniline	10.486	138	187432	48.428	ng	93
63) Azobenzene	10.616	77	875937	46.537	ng	98
65) 4,6-Dinitro-2-methylph...	10.516	198	141731	51.794	ng	89
66) n-Nitrosodiphenylamine	10.575	169	689405	43.890	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	228126	41.947	ng	95
68) Hexachlorobenzene	11.010	284	250529	41.795	ng	97
69) Atrazine	11.104	200	205217	46.597	ng	98
70) Pentachlorophenol	11.204	266	287189	94.396	ng	99
71) Phenanthrene	11.427	178	1133898	45.900	ng	100
72) Anthracene	11.480	178	1143887	46.432	ng	99
73) Carbazole	11.633	167	955395	46.712	ng	99
74) Di-n-butylphthalate	11.957	149	1170590	45.161	ng	99
75) Fluoranthene	12.610	202	1044487	47.162	ng	98
77) Benzidine	12.727	184	55432	31.925	ng	97
78) Pyrene	12.839	202	1022060	44.039	ng	99
80) Butylbenzylphthalate	13.457	149	329902	46.715	ng	95
81) Benzo(a)anthracene	14.027	228	657980	47.079	ng	99
82) 3,3'-Dichlorobenzidine	13.986	252	169389	41.050	ng	98
83) Chrysene	14.063	228	627930	46.172	ng	98
84) Bis(2-ethylhexyl)phtha...	14.010	149	374551	42.292	ng	99
85) Di-n-octyl phthalate	14.621	149	654957	42.251	ng	98
87) Indeno(1,2,3-cd)pyrene	16.986	276	652599	52.073	ng	97
88) Benzo(b)fluoranthene	15.080	252	662111	48.382	ng	98
89) Benzo(k)fluoranthene	15.110	252	623266	49.447	ng	99
90) Benzo(a)pyrene	15.445	252	606695	50.579	ng	99
91) Dibenzo(a,h)anthracene	17.004	278	518488	51.254	ng	97
92) Benzo(g,h,i)perylene	17.433	276	493348	49.852	ng	98

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

