

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031324\
 Data File : BF137584.D
 Acq On : 13 Mar 2024 19:02
 Operator : CG\JU
 Sample : P1725-02MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT-3860MSD

Quant Time: Mar 14 04:02:46 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 14 04:02:20 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/14/2024
 Supervised By :mohammad ahmed 03/15/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.028	152	209389m	20.000	ng	0.12
21) Naphthalene-d8	8.286	136	822307	20.000	ng	0.11
39) Acenaphthene-d10	10.039	164	448946	20.000	ng	0.11
64) Phenanthrene-d10	11.539	188	725858	20.000	ng	0.11
76) Chrysene-d12	14.210	240	419045	20.000	ng	0.11
86) Perylene-d12	15.833	264	454211	20.000	ng	0.18
System Monitoring Compounds						
5) 2-Fluorophenol	5.740	112	1449412	104.838	ng	0.17
7) Phenol-d6	6.681	99	1897756	95.095	ng	0.13
23) Nitrobenzene-d5	7.581	82	1347741	76.154	ng	0.11
42) 2,4,6-Tribromophenol	10.839	330	532530	135.073	ng	0.11
45) 2-Fluorobiphenyl	9.363	172	2184119	76.155	ng	0.11
79) Terphenyl-d14	13.145	244	2310958	75.835	ng	0.11
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.328	88	248651m	32.893	ng	
3) Pyridine	3.993	79	577496m	31.676	ng	
4) n-Nitrosodimethylamine	3.946	42	289572m	39.907	ng	
6) Aniline	6.704	93	372982	15.296	ng	89
8) 2-Chlorophenol	6.822	128	596336	40.895	ng	98
9) Benzaldehyde	6.598	77	141666	14.490	ng	94
10) Phenol	6.692	94	732068	34.082	ng	99
11) bis(2-Chloroethyl)ether	6.775	93	633156	40.225	ng	98
12) 1,3-Dichlorobenzene	6.969	146	617212	39.611	ng	98
13) 1,4-Dichlorobenzene	7.045	146	622949m	39.074	ng	
14) 1,2-Dichlorobenzene	7.192	146	599486m	40.967	ng	
15) Benzyl Alcohol	7.169	79	550122	44.279	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.292	45	959887	35.477	ng	93
17) 2-Methylphenol	7.281	107	474861	34.801	ng	97
18) Hexachloroethane	7.522	117	212341	40.450	ng	96
19) n-Nitroso-di-n-propyla...	7.434	70	458197	37.181	ng	99
20) 3+4-Methylphenols	7.428	107	578332m	37.008	ng	
22) Acetophenone	7.428	105	796181	40.017	ng	# 97
24) Nitrobenzene	7.598	77	683291	38.434	ng	98
25) Isophorone	7.834	82	1299371	38.646	ng	98
26) 2-Nitrophenol	7.910	139	312523	44.278	ng	93
27) 2,4-Dimethylphenol	7.945	122	432135	32.766	ng	99
28) bis(2-Chloroethoxy)met...	8.039	93	785315	39.808	ng	99
29) 2,4-Dichlorophenol	8.145	162	511435	42.253	ng	98
30) 1,2,4-Trichlorobenzene	8.228	180	517269	40.609	ng	98
31) Naphthalene	8.310	128	1731975	39.256	ng	99
32) Benzoic acid	8.045	122	67562m	14.027	ng	
33) 4-Chloroaniline	8.363	127	66556	3.847	ng	99
34) Hexachlorobutadiene	8.422	225	300387	39.945	ng	99
35) Caprolactam	8.733	113	156498m	38.130	ng	
36) 4-Chloro-3-methylphenol	8.851	107	574840	42.487	ng	98
37) 2-Methylnaphthalene	8.998	142	1083018	38.506	ng	100
38) 1-Methylnaphthalene	9.098	142	1004047	37.907	ng	100
40) 1,2,4,5-Tetrachloroben...	9.163	216	533066	42.531	ng	99
41) Hexachlorocyclopentadiene	9.145	237	341744	68.173	ng	100
43) 2,4,6-Trichlorophenol	9.281	196	361160	44.250	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.328	196	381251	40.550	ng	97
46) 1,1'-Biphenyl	9.463	154	1347703	41.015	ng	99
47) 2-Chloronaphthalene	9.486	162	1062742	42.421	ng	98
48) 2-Nitroaniline	9.592	65	385787	45.307	ng	98
49) Acenaphthylene	9.904	152	1686208	42.058	ng	100
50) Dimethylphthalate	9.775	163	1382210	44.228	ng	100
51) 2,6-Dinitrotoluene	9.833	165	302180	46.229	ng	98
52) Acenaphthene	10.075	154	966034	40.360	ng	99
53) 3-Nitroaniline	10.004	138	151168	21.864	ng	93
54) 2,4-Dinitrophenol	10.116	184	79982	30.732	ng	93
55) Dibenzofuran	10.251	168	1468528	40.283	ng	100
56) 4-Nitrophenol	10.180	139	351097	71.863	ng	97
57) 2,4-Dinitrotoluene	10.245	165	363144	45.219	ng	94
58) Fluorene	10.598	166	1132097	40.436	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.375	232	324712	43.068	ng	95
60) Diethylphthalate	10.475	149	1278400	43.318	ng	99
61) 4-Chlorophenyl-phenyle...	10.592	204	554741	40.430	ng	92
62) 4-Nitroaniline	10.628	138	254036	42.749	ng	97
63) Azobenzene	10.751	77	1436360	42.267	ng	99
65) 4,6-Dinitro-2-methylph...	10.651	198	100202	24.768	ng	92
66) n-Nitrosodiphenylamine	10.716	169	1068164	45.700	ng	100
67) 4-Bromophenyl-phenylether	11.086	248	375215	47.460	ng	96
68) Hexachlorobenzene	11.145	284	396948	49.711	ng	94
69) Atrazine	11.251	200	351412	49.456	ng	98
70) Pentachlorophenol	11.345	266	327703	67.888	ng	97
71) Phenanthrene	11.563	178	1715341	43.423	ng	99
72) Anthracene	11.616	178	1761284	43.412	ng	99
73) Carbazole	11.780	167	1534388	44.152	ng	98
74) Di-n-butylphthalate	12.116	149	1921016	46.461	ng	99
75) Fluoranthene	12.763	202	1601891	41.486	ng	99
77) Benzidine	12.892	184	421253	41.078	ng	98
78) Pyrene	12.992	202	1626491	39.557	ng	99
80) Butylbenzylphthalate	13.633	149	647385	61.650	ng	93
81) Benzo(a)anthracene	14.198	228	1304768	44.424	ng	99
82) 3,3'-Dichlorobenzidine	14.163	252	233945	29.911	ng	99
83) Chrysene	14.233	228	1372608	46.240	ng	100
84) Bis(2-ethylhexyl)phtha...	14.198	149	840899	63.003	ng	# 99
85) Di-n-octyl phthalate	14.845	149	1632482	61.657	ng	97
87) Indeno(1,2,3-cd)pyrene	17.604	276	1216605	40.702	ng	98
88) Benzo(b)fluoranthene	15.339	252	1287089m	47.904	ng	
89) Benzo(k)fluoranthene	15.374	252	1343238	46.545	ng	99
90) Benzo(a)pyrene	15.762	252	1216774	45.955	ng	99
91) Dibenzo(a,h)anthracene	17.639	278	992665	40.939	ng	99
92) Benzo(g,h,i)perylene	18.145	276	879811	35.332	ng	98

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

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