

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031124\
 Data File : BF137563.D
 Acq On : 11 Mar 2024 18:49
 Operator : CG\JU
 Sample : P1720-03MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT3471MSD

Quant Time: Mar 12 02:06:31 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 12 02:00:03 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/12/2024
 Supervised By :mohammad ahmed 03/12/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	236019	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	922095	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	466788	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	612147	20.000	ng	0.00
76) Chrysene-d12	14.092	240	397873	20.000	ng	0.00
86) Perylene-d12	15.645	264	437869	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	1171714	75.189	ng	0.00
7) Phenol-d6	6.551	99	1617879	71.924	ng	0.00
23) Nitrobenzene-d5	7.463	82	998487	50.313	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	284050	69.294	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1537143	51.548	ng	0.00
79) Terphenyl-d14	13.027	244	1049500	36.272	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.863	88	313313	36.770	ng	98
3) Pyridine	3.640	79	728205	35.435	ng	98
4) n-Nitrosodimethylamine	3.628	42	337957	41.185	ng	95
6) Aniline	6.575	93	558023	20.302	ng	99
8) 2-Chlorophenol	6.692	128	727086	44.236	ng	99
9) Benzaldehyde	6.457	77	272243	24.704	ng	98
10) Phenol	6.563	94	998085	41.224	ng	100
11) bis(2-Chloroethyl)ether	6.645	93	729361	41.109	ng	99
12) 1,3-Dichlorobenzene	6.839	146	754538	42.960	ng	99
13) 1,4-Dichlorobenzene	6.916	146	769563	42.824	ng	98
14) 1,2-Dichlorobenzene	7.069	146	731700	44.361	ng	97
15) Benzyl Alcohol	7.045	79	681428	48.659	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.169	45	1171386	38.410	ng	92
17) 2-Methylphenol	7.157	107	593478	38.587	ng	98
18) Hexachloroethane	7.404	117	267274	45.169	ng	99
19) n-Nitroso-di-n-propyla...	7.316	70	539767	38.858	ng	99
20) 3+4-Methylphenols	7.310	107	690726	39.213	ng	96
22) Acetophenone	7.310	105	960682	43.060	ng	99
24) Nitrobenzene	7.481	77	827319	41.499	ng	97
25) Isophorone	7.716	82	1573661	41.739	ng	99
26) 2-Nitrophenol	7.792	139	378306	47.798	ng	98
27) 2,4-Dimethylphenol	7.834	122	516602	34.932	ng	98
28) bis(2-Chloroethoxy)met...	7.928	93	948413	42.873	ng	100
29) 2,4-Dichlorophenol	8.034	162	597726	44.038	ng	98
30) 1,2,4-Trichlorobenzene	8.116	180	616914	43.191	ng	99
31) Naphthalene	8.192	128	2032248	41.077	ng	100
32) Benzoic acid	7.981	122	389283	46.009	ng	98
33) 4-Chloroaniline	8.251	127	145464	7.498	ng	98
34) Hexachlorobutadiene	8.310	225	373052	44.239	ng	99
35) Caprolactam	8.628	113	201424m	43.765	ng	
36) 4-Chloro-3-methylphenol	8.739	107	636181	41.932	ng	97
37) 2-Methylnaphthalene	8.886	142	1245052	39.476	ng	98
38) 1-Methylnaphthalene	8.986	142	1151816	38.780	ng	100
40) 1,2,4,5-Tetrachloroben...	9.051	216	607033	46.582	ng	100
41) Hexachlorocyclopentadiene	9.039	237	427904	80.414	ng	100
43) 2,4,6-Trichlorophenol	9.169	196	396478	46.720	ng	99

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44) 2,4,5-Trichlorophenol	9.210	196	420422	43.007	ng	95
46) 1,1'-Biphenyl	9.351	154	1507656	44.129	ng	99
47) 2-Chloronaphthalene	9.375	162	1185296	45.505	ng	99
48) 2-Nitroaniline	9.480	65	400397	45.225	ng	98
49) Acenaphthylene	9.792	152	1780918	42.723	ng	100
50) Dimethylphthalate	9.663	163	1417736	43.631	ng	100
51) 2,6-Dinitrotoluene	9.728	165	310807	45.731	ng	# 83
52) Acenaphthene	9.969	154	988107	39.705	ng	99
53) 3-Nitroaniline	9.892	138	184098	25.609	ng	94
54) 2,4-Dinitrophenol	10.004	184	228604	70.097	ng	96
55) Dibenzofuran	10.139	168	1505507	39.719	ng	98
56) 4-Nitrophenol	10.063	139	351582	69.379	ng	94
57) 2,4-Dinitrotoluene	10.128	165	354207	42.420	ng	95
58) Fluorene	10.486	166	1074744	36.920	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.263	232	305546	38.977	ng	95
60) Diethylphthalate	10.369	149	1265182	41.232	ng	99
61) 4-Chlorophenyl-phenyle...	10.480	204	538732	37.762	ng	95
62) 4-Nitroaniline	10.516	138	217696	35.233	ng	95
63) Azobenzene	10.639	77	1344495	38.052	ng	98
65) 4,6-Dinitro-2-methylph...	10.539	198	166216	48.718	ng	91
66) n-Nitrosodiphenylamine	10.604	169	961882	48.797	ng	100
67) 4-Bromophenyl-phenylether	10.975	248	332472	49.866	ng	98
68) Hexachlorobenzene	11.033	284	339741	50.450	ng	96
69) Atrazine	11.139	200	290413	48.464	ng	98
70) Pentachlorophenol	11.233	266	330184	81.108	ng	99
71) Phenanthrene	11.457	178	1400267	42.032	ng	100
72) Anthracene	11.510	178	1434772	41.933	ng	99
73) Carbazole	11.663	167	1170775	39.947	ng	99
74) Di-n-butylphthalate	12.004	149	1499287	42.997	ng	99
75) Fluoranthene	12.651	202	1258661	38.652	ng	99
77) Benzidine	12.780	184	437705	44.953	ng	100
78) Pyrene	12.880	202	1313424	33.643	ng	100
80) Butylbenzylphthalate	13.516	149	485086	48.653	ng	98
81) Benzo(a)anthracene	14.086	228	1219523	43.732	ng	99
82) 3,3'-Dichlorobenzidine	14.051	252	238665	32.138	ng	99
83) Chrysene	14.121	228	1199002	42.541	ng	100
84) Bis(2-ethylhexyl)phtha...	14.080	149	667903	52.705	ng	99
85) Di-n-octyl phthalate	14.715	149	1399540	56.216	ng	98
87) Indeno(1,2,3-cd)pyrene	17.274	276	1031187	35.787	ng	98
88) Benzo(b)fluoranthene	15.180	252	1309205	50.545	ng	100
89) Benzo(k)fluoranthene	15.215	252	1106050	39.756	ng	98
90) Benzo(a)pyrene	15.580	252	1101010	43.135	ng	99
91) Dibenzo(a,h)anthracene	17.304	278	829475	35.486	ng	98
92) Benzo(g,h,i)perylene	17.768	276	766284	31.921	ng	99

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

