

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061024\
 Data File : BF138174.D
 Acq On : 10 Jun 2024 16:11
 Operator : CG\JU
 Sample : P2795-07MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-3-(10-15)-COMPMS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/11/2024
 Supervised By :mohammad ahmed 06/13/2024

Quant Time: Jun 10 16:52:30 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 06 05:19:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	398941	20.000	ng	-0.01
21) Naphthalene-d8	8.181	136	1556412	20.000	ng	-0.01
39) Acenaphthene-d10	9.933	164	855226	20.000	ng	-0.01
64) Phenanthrene-d10	11.422	188	1430270	20.000	ng	-0.01
76) Chrysene-d12	14.057	240	801330	20.000	ng	-0.01
86) Perylene-d12	15.533	264	839198	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	2609398	111.471	ng	0.00
7) Phenol-d6	6.528	99	3344616	112.927	ng	0.00
23) Nitrobenzene-d5	7.463	82	1896823	82.918	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	865982	105.217	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	3725087	76.161	ng	-0.01
79) Terphenyl-d14	13.004	244	3497095	65.275	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	2.746	88	382148	35.619	ng	98
3) Pyridine	3.510	79	968146	36.827	ng	96
4) n-Nitrosodimethylamine	3.457	42	545420	42.262	ng	93
6) Aniline	6.557	93	936246	31.177	ng	100
8) 2-Chlorophenol	6.681	128	1103424	43.571	ng	99
10) Phenol	6.540	94	1369218m	44.997	ng	
11) bis(2-Chloroethyl)ether	6.634	93	1061326	43.509	ng	99
12) 1,3-Dichlorobenzene	6.840	146	1175503	40.511	ng	99
13) 1,4-Dichlorobenzene	6.916	146	1196783	40.953	ng	99
14) 1,2-Dichlorobenzene	7.069	146	1150202	41.930	ng	99
15) Benzyl Alcohol	7.039	79	905859	43.226	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.169	45	1566508	43.744	ng	98
17) 2-Methylphenol	7.145	107	876296	42.750	ng	98
18) Hexachloroethane	7.410	117	391784	39.280	ng	97
19) n-Nitroso-di-n-propyla...	7.310	70	803105	42.526	ng	98
20) 3+4-Methylphenols	7.298	107	1104557	43.305	ng	94
22) Acetophenone	7.310	105	1517479	42.351	ng	99
24) Nitrobenzene	7.481	77	1103203	44.270	ng	99
25) Isophorone	7.716	82	2087454	41.420	ng	99
26) 2-Nitrophenol	7.792	139	382377	39.138	ng	99
27) 2,4-Dimethylphenol	7.828	122	801183	45.768	ng	98
28) bis(2-Chloroethoxy)met...	7.928	93	1297093	42.253	ng	100
29) 2,4-Dichlorophenol	8.034	162	918812	43.549	ng	98
30) 1,2,4-Trichlorobenzene	8.116	180	1027282	40.353	ng	98
31) Naphthalene	8.204	128	3124378	41.503	ng	99
32) Benzoic acid	7.951	122	433594	37.064	ng	99
33) 4-Chloroaniline	8.245	127	386175	13.649	ng	99
34) Hexachlorobutadiene	8.316	225	571816	38.224	ng	99
35) Caprolactam	8.622	113	294704m	41.832	ng	
36) 4-Chloro-3-methylphenol	8.728	107	934887	43.240	ng	99
37) 2-Methylnaphthalene	8.892	142	2116147	41.699	ng	100
38) 1-Methylnaphthalene	8.992	142	1958621	39.418	ng	100
40) 1,2,4,5-Tetrachloroben...	9.057	216	1000313	41.428	ng	98
41) Hexachlorocyclopentadiene	9.045	237	777364	97.526	ng	99
43) 2,4,6-Trichlorophenol	9.169	196	660002	45.021	ng	99
44) 2,4,5-Trichlorophenol	9.210	196	691523	42.808	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.357	154	2572366	42.821	ng	98
47) 2-Chloronaphthalene	9.380	162	1978999	41.337	ng	99
48) 2-Nitroaniline	9.475	65	485079	41.498	ng	92
49) Acenaphthylene	9.798	152	3075666	45.399	ng	99
50) Dimethylphthalate	9.657	163	2254446	41.953	ng	99
51) 2,6-Dinitrotoluene	9.722	165	451092	39.338	ng	90
52) Acenaphthene	9.969	154	1990361	43.481	ng	99
53) 3-Nitroaniline	9.886	138	294926	26.658	ng	# 98
54) 2,4-Dinitrophenol	9.992	184	251746	64.377	ng	97
55) Dibenzofuran	10.145	168	2772464	42.820	ng	97
56) 4-Nitrophenol	10.045	139	734714	89.891	ng	98
57) 2,4-Dinitrotoluene	10.122	165	598063	43.424	ng	96
58) Fluorene	10.486	166	2120277	41.228	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.257	232	567597	44.547	ng	99
60) Diethylphthalate	10.357	149	2171012	41.385	ng	97
61) 4-Chlorophenyl-phenyle...	10.475	204	1044235	39.969	ng	95
62) 4-Nitroaniline	10.504	138	471473	47.004	ng	95
63) Azobenzene	10.639	77	2207689	43.693	ng	96
65) 4,6-Dinitro-2-methylph...	10.527	198	196981	40.387	ng	87
66) n-Nitrosodiphenylamine	10.598	169	1923117	45.026	ng	100
67) 4-Bromophenyl-phenylether	10.969	248	678652	41.672	ng	94
68) Hexachlorobenzene	11.027	284	769301	40.633	ng	# 94
69) Atrazine	11.122	200	623220	45.352	ng	99
70) Pentachlorophenol	11.222	266	801345	79.068	ng	99
71) Phenanthrene	11.445	178	2977179	43.239	ng	99
72) Anthracene	11.498	178	3032506	44.158	ng	100
73) Carbazole	11.651	167	2554860	40.681	ng	100
74) Di-n-butylphthalate	11.980	149	3108687	42.112	ng	100
75) Fluoranthene	12.633	202	2736736	36.838	ng	99
77) Benzidine	12.751	184	686553	83.257	ng	98
78) Pyrene	12.863	202	2744265	37.867	ng	98
80) Butylbenzylphthalate	13.480	149	910361	38.042	ng	99
81) Benzo(a)anthracene	14.045	228	2184188	43.203	ng	100
82) 3,3'-Dichlorobenzidine	14.010	252	538138	41.996	ng	99
83) Chrysene	14.086	228	2125963	43.816	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	1272036	36.484	ng	# 96
85) Di-n-octyl phthalate	14.657	149	1923522	40.081	ng	99
87) Indeno(1,2,3-cd)pyrene	17.015	276	1889189	41.831	ng	99
88) Benzo(b)fluoranthene	15.098	252	2222291m	42.123	ng	
89) Benzo(k)fluoranthene	15.133	252	2124097	42.220	ng	100
90) Benzo(a)pyrene	15.468	252	1975002	49.431	ng	# 98
91) Dibenzo(a,h)anthracene	17.039	278	1551517	42.876	ng	98
92) Benzo(g,h,i)perylene	17.468	276	1361910	36.643	ng	99

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

