

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051724\
 Data File : BF137941.D
 Acq On : 17 May 2024 19:46
 Operator : CG\JU
 Sample : P2480-04MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

WC-MH-JJMS

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/20/2024
 Supervised By :mohammad ahmed 05/22/2024

Quant Time: May 17 22:53:58 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed May 15 04:12:16 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.040	152	123282	20.000	ng	0.00
21) Naphthalene-d8	8.328	136	486481	20.000	ng	0.00
39) Acenaphthene-d10	10.086	164	276630	20.000	ng	0.00
64) Phenanthrene-d10	11.580	188	486034	20.000	ng	0.00
76) Chrysene-d12	14.227	240	270676	20.000	ng	0.00
86) Perylene-d12	15.786	264	308779	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.675	112	849254	117.015	ng	0.01
7) Phenol-d6	6.657	99	975083	109.066	ng	0.00
23) Nitrobenzene-d5	7.604	82	697268	84.350	ng	0.00
42) 2,4,6-Tribromophenol	10.881	330	392302	140.648	ng	0.00
45) 2-Fluorobiphenyl	9.398	172	1504277	83.764	ng	0.00
79) Terphenyl-d14	13.163	244	1662836	90.540	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.081	88	117062	37.232	ng	# 86
3) Pyridine	3.793	79	248221	35.185	ng	98
4) n-Nitrosodimethylamine	3.746	42	142137	45.671	ng	95
6) Aniline	6.704	93	169863	21.242	ng	98
8) 2-Chlorophenol	6.828	128	362283	46.126	ng	97
9) Benzaldehyde	6.598	77	58854	12.168	ng	99
10) Phenol	6.675	94	366669	40.633	ng	94
11) bis(2-Chloroethyl)ether	6.775	93	319590	46.125	ng	98
12) 1,3-Dichlorobenzene	6.987	146	376810	41.465	ng	98
13) 1,4-Dichlorobenzene	7.057	146	385536	42.266	ng	98
14) 1,2-Dichlorobenzene	7.210	146	371971	43.329	ng	98
15) Benzyl Alcohol	7.175	79	299060	50.095	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.304	45	400936	47.075	ng	100
17) 2-Methylphenol	7.281	107	283593	45.276	ng	99
18) Hexachloroethane	7.557	117	129678	42.012	ng	96
19) n-Nitroso-di-n-propyla...	7.445	70	239256	47.634	ng	99
20) 3+4-Methylphenols	7.434	107	365622	44.556	ng	97
22) Acetophenone	7.445	105	498842	45.774	ng	97
24) Nitrobenzene	7.622	77	361547	43.114	ng	99
25) Isophorone	7.857	82	670284	46.720	ng	99
26) 2-Nitrophenol	7.940	139	195159	46.316	ng	97
27) 2,4-Dimethylphenol	7.963	122	264947	48.838	ng	99
28) bis(2-Chloroethoxy)met...	8.063	93	397130	45.672	ng	99
29) 2,4-Dichlorophenol	8.175	162	320611	46.997	ng	98
30) 1,2,4-Trichlorobenzene	8.263	180	328642	43.147	ng	99
31) Naphthalene	8.345	128	1082370	44.250	ng	99
32) Benzoic acid	8.069	122	201018	43.834	ng	93
33) 4-Chloroaniline	8.387	127	38853	4.845	ng	97
34) Hexachlorobutadiene	8.457	225	199487	41.377	ng	99
35) Caprolactam	8.751	113	87559m	44.301	ng	
36) 4-Chloro-3-methylphenol	8.863	107	332083	47.852	ng	98
37) 2-Methylnaphthalene	9.039	142	718871	45.721	ng	99
38) 1-Methylnaphthalene	9.139	142	667584	43.189	ng	99
40) 1,2,4,5-Tetrachloroben...	9.204	216	343032	45.613	ng	99
41) Hexachlorocyclopentadiene	9.187	237	338721	118.533	ng	100
43) 2,4,6-Trichlorophenol	9.310	196	234756	47.608	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.351	196	255318	47.322	ng	96
46) 1,1'-Biphenyl	9.504	154	898989	46.334	ng	100
47) 2-Chloronaphthalene	9.534	162	699917	45.190	ng	99
48) 2-Nitroaniline	9.622	65	197895	49.896	ng	98
49) Acenaphthylene	9.951	152	1116752	50.146	ng	99
50) Dimethylphthalate	9.798	163	852987	49.172	ng	100
51) 2,6-Dinitrotoluene	9.863	165	188516	47.350	ng	98
52) Acenaphthene	10.122	154	747257	50.767	ng	99
53) 3-Nitroaniline	10.034	138	99381	25.533	ng	95
54) 2,4-Dinitrophenol	10.139	184	207270	94.939	ng	# 84
55) Dibenzofuran	10.292	168	1018442	47.543	ng	99
56) 4-Nitrophenol	10.186	139	284398	101.734	ng	97
57) 2,4-Dinitrotoluene	10.269	165	261432	50.793	ng	93
58) Fluorene	10.639	166	800239	47.229	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.404	232	215658	50.881	ng	99
60) Diethylphthalate	10.498	149	798455	49.285	ng	99
61) 4-Chlorophenyl-phenyle...	10.622	204	396314	47.430	ng	97
62) 4-Nitroaniline	10.651	138	196520	53.234	ng	100
63) Azobenzene	10.786	77	725619	49.240	ng	99
65) 4,6-Dinitro-2-methylph...	10.675	198	144175	51.374	ng	92
66) n-Nitrosodiphenylamine	10.745	169	704357	47.256	ng	99
67) 4-Bromophenyl-phenylether	11.116	248	248868	46.707	ng	99
68) Hexachlorobenzene	11.186	284	265064	45.004	ng	99
69) Atrazine	11.269	200	237870	58.443	ng	98
70) Pentachlorophenol	11.380	266	326187	94.545	ng	97
71) Phenanthrene	11.604	178	1134726	47.376	ng	99
72) Anthracene	11.657	178	1166254	49.076	ng	99
73) Carbazole	11.810	167	1051757	48.449	ng	100
74) Di-n-butylphthalate	12.127	149	1258093	52.221	ng	99
75) Fluoranthene	12.798	202	1118089	45.991	ng	99
77) Benzidine	12.910	184	94939	26.838	ng	96
78) Pyrene	13.027	202	1113103	47.017	ng	99
80) Butylbenzylphthalate	13.633	149	436246	61.091	ng	100
81) Benzo(a)anthracene	14.216	228	837159	48.886	ng	98
82) 3,3'-Dichlorobenzidine	14.174	252	133452	28.120	ng	99
83) Chrysene	14.257	228	792332	48.379	ng	99
84) Bis(2-ethylhexyl)phtha...	14.186	149	563660	62.793	ng	99
85) Di-n-octyl phthalate	14.810	149	796066	65.645	ng	100
87) Indeno(1,2,3-cd)pyrene	17.415	276	985015	49.653	ng	99
88) Benzo(b)fluoranthene	15.321	252	802891	44.908	ng	99
89) Benzo(k)fluoranthene	15.351	252	810516	46.147	ng	99
90) Benzo(a)pyrene	15.721	252	765877	50.167	ng	98
91) Dibenzo(a,h)anthracene	17.439	278	808403	49.321	ng	99
92) Benzo(g,h,i)perylene	17.915	276	735452	42.713	ng	100

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

