

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052924\
 Data File : BF138059.D
 Acq On : 29 May 2024 15:12
 Operator : CG\JU
 Sample : P2560-07MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EXPE2MSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/30/2024
 Supervised By :mohammad ahmed 05/31/2024

Quant Time: May 29 15:36:06 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	7.039	152	109088	20.000	ng	0.00
21) Naphthalene-d8	8.322	136	377163	20.000	ng	# 0.00
39) Acenaphthene-d10	10.186	164	75963	20.000	ng	# 0.10
64) Phenanthrene-d10	11.633	188	2067	20.000	ng	# 0.05
76) Chrysene-d12	14.304	240	142475	20.000	ng	# 0.08
86) Perylene-d12	15.809	264	45965	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.651	112	650426	101.280	ng	-0.01
7) Phenol-d6	6.657	99	833822	105.401	ng	0.00
23) Nitrobenzene-d5	7.598	82	505938	78.944	ng	-0.01
42) 2,4,6-Tribromophenol	10.945	330	34544	45.100	ng	0.06
45) 2-Fluorobiphenyl	9.457	172	830991m	168.509	ng	0.06
79) Terphenyl-d14	13.345	244	484173	50.084	ng	0.18
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.816	88	68930	24.776	ng	100
3) Pyridine	3.628	79	190249m	30.477	ng	
4) n-Nitrosodimethylamine	3.587	42	90474m	32.854	ng	
6) Aniline	6.698	93	211830m	29.937	ng	
8) 2-Chlorophenol	6.822	128	295715	42.549	ng	98
9) Benzaldehyde	6.587	77	36871	8.615	ng	92
10) Phenol	6.669	94	350128	43.848	ng	98
11) bis(2-Chloroethyl)ether	6.769	93	253593	41.363	ng	97
12) 1,3-Dichlorobenzene	6.981	146	310412	38.603	ng	99
13) 1,4-Dichlorobenzene	7.057	146	313634	38.858	ng	99
14) 1,2-Dichlorobenzene	7.210	146	299232	39.391	ng	97
15) Benzyl Alcohol	7.175	79	228412	43.239	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.298	45	312005	41.400	ng	97
17) 2-Methylphenol	7.281	107	228839	41.288	ng	98
18) Hexachloroethane	7.551	117	108469	39.713	ng	96
19) n-Nitroso-di-n-propyla...	7.439	70	187453	42.176	ng	99
20) 3+4-Methylphenols	7.428	107	298712	41.139	ng	95
22) Acetophenone	7.445	105	403092	47.708	ng	99
24) Nitrobenzene	7.622	77	277204	42.637	ng	98
25) Isophorone	7.851	82	513058	46.126	ng	# 97
26) 2-Nitrophenol	7.934	139	150180	45.971	ng	94
27) 2,4-Dimethylphenol	7.963	122	207377	49.306	ng	94
28) bis(2-Chloroethoxy)met...	8.057	93	303177	44.973	ng	95
29) 2,4-Dichlorophenol	8.175	162	221901	41.955	ng	99
30) 1,2,4-Trichlorobenzene	8.263	180	246811	41.795	ng	99
31) Naphthalene	8.345	128	794578	41.900	ng	100
32) Benzoic acid	8.063	122	152313m	42.840	ng	
33) 4-Chloroaniline	8.386	127	159413	25.643	ng	95
34) Hexachlorobutadiene	8.457	225	151955	40.654	ng	98
35) Caprolactam	8.798	113	90696m	59.189	ng	
36) 4-Chloro-3-methylphenol	8.886	107	250611	46.579	ng	# 74
37) 2-Methylnaphthalene	9.051	142	397756	32.630	ng	99
38) 1-Methylnaphthalene	9.133	142	451293	37.658	ng	99
40) 1,2,4,5-Tetrachloroben...	9.210	216	201885	97.758	ng	# 88
41) Hexachlorocyclopentadiene	9.204	237	105690	134.688	ng	97
43) 2,4,6-Trichlorophenol	9.375	196	214094m	158.114	ng	

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44) 2,4,5-Trichlorophenol	9.375	196	242363	163.584	ng	#	1
46) 1,1'-Biphenyl	9.539	154	459038m	86.157	ng		
47) 2-Chloronaphthalene	9.545	162	367028m	86.296	ng		
48) 2-Nitroaniline	9.657	65	107386	98.599	ng	#	79
49) Acenaphthylene	10.033	152	445211m	72.801	ng		
50) Dimethylphthalate	9.839	163	570879	119.845	ng	#	42
51) 2,6-Dinitrotoluene	9.963	165	4465	4.084	ng	#	46
52) Acenaphthene	10.210	154	209815	51.909	ng	#	48
53) 3-Nitroaniline	10.069	138	76375m	71.458	ng		
54) 2,4-Dinitrophenol	10.210	184	26575	48.043	ng	#	1
55) Dibenzofuran	10.392	168	316944m	53.880	ng		
56) 4-Nitrophenol	10.239	139	97300	126.751	ng	#	1
57) 2,4-Dinitrotoluene	10.327	165	42651	30.177	ng	#	53
58) Fluorene	10.757	166	268893m	57.792	ng		
59) 2,3,4,6-Tetrachlorophenol	10.463	232	189189	162.547	ng	#	40
60) Diethylphthalate	10.563	149	259494	58.329	ng	#	37
62) 4-Nitroaniline	10.686	138	66055m	65.160	ng		
63) Azobenzene	10.916	77	62590	15.467	ng	#	47
65) 4,6-Dinitro-2-methylph...	10.769	198	49403	4139.347	ng	#	1
66) n-Nitrosodiphenylamine	10.833	169	240466	3793.527	ng	#	74
67) 4-Bromophenyl-phenylether	11.222	248	40753	1798.440	ng	#	1
68) Hexachlorobenzene	11.298	284	14532	580.160	ng	#	1
69) Atrazine	11.345	200	70512	4073.652	ng	#	1
70) Pentachlorophenol	11.398	266	144385m	9840.557	ng		
71) Phenanthrene	11.786	178	150117m	1473.760	ng		
72) Anthracene	11.816	178	210929m	2087.092	ng		
73) Carbazole	11.957	167	107876m	1168.488	ng		
74) Di-n-butylphthalate	12.174	149	16012	156.281	ng	#	22
75) Fluoranthene	13.021	202	163807m	1584.364	ng		
78) Pyrene	13.245	202	270309m	21.692	ng		
80) Butylbenzylphthalate	13.733	149	239086	63.608	ng		95
81) Benzo(a)anthracene	14.298	228	390643	43.338	ng		100
82) 3,3'-Dichlorobenzidine	14.239	252	143133	57.299	ng		99
83) Chrysene	14.327	228	364651	42.300	ng		99
84) Bis(2-ethylhexyl)phtha...	14.221	149	232476	49.202	ng		99
85) Di-n-octyl phthalate	14.821	149	222997	34.935	ng		98
87) Indeno(1,2,3-cd)pyrene	17.433	276	131574	44.554	ng		99
88) Benzo(b)fluoranthene	15.339	252	165361	62.133	ng		100
89) Benzo(k)fluoranthene	15.368	252	146195	55.916	ng		98
90) Benzo(a)pyrene	15.739	252	109508	48.187	ng	#	97
91) Dibenzo(a,h)anthracene	17.451	278	110846	45.430	ng		98
92) Benzo(g,h,i)perylene	17.927	276	117289	45.760	ng		99

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

