

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052924\
 Data File : BF138058.D
 Acq On : 29 May 2024 14:43
 Operator : CG\JU
 Sample : P2560-07MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EXPE2MS

Manual Integrations APPROVED

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

Quant Time: May 29 15:04:22 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	95059	20.000	ng	0.00
21) Naphthalene-d8	8.322	136	330207	20.000	ng	# 0.00
39) Acenaphthene-d10	10.104	164	18847	20.000	ng	# 0.02
64) Phenanthrene-d10	11.622	188	1516	20.000	ng	# 0.04
76) Chrysene-d12	14.304	240	153629	20.000	ng	0.08
86) Perylene-d12	15.804	264	49654	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.651	112	610523	109.097	ng	-0.01
7) Phenol-d6	6.657	99	767886	111.391	ng	0.00
23) Nitrobenzene-d5	7.598	82	449314	80.078	ng	-0.01
42) 2,4,6-Tribromophenol	10.945	330	31900	167.865	ng	0.06
45) 2-Fluorobiphenyl	9.410	172	779273	636.909	ng	0.01
79) Terphenyl-d14	13.345	244	459911m	44.120	ng	0.18
Target Compounds						Qvalue
2) 1,4-Dioxane	2.810	88	65051	26.833	ng	99
3) Pyridine	3.628	79	180231m	33.133	ng	
4) n-Nitrosodimethylamine	3.587	42	85960m	35.821	ng	
6) Aniline	6.698	93	178451m	28.942	ng	
8) 2-Chlorophenol	6.822	128	266290	43.970	ng	98
9) Benzaldehyde	6.587	77	31336	8.402	ng	92
10) Phenol	6.669	94	301919	43.391	ng	97
11) bis(2-Chloroethyl)ether	6.769	93	227634	42.608	ng	96
12) 1,3-Dichlorobenzene	6.981	146	282066	40.255	ng	99
13) 1,4-Dichlorobenzene	7.057	146	288300	40.990	ng	99
14) 1,2-Dichlorobenzene	7.210	146	271944	41.082	ng	97
15) Benzyl Alcohol	7.169	79	205015	44.537	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.298	45	281540	42.871	ng	97
17) 2-Methylphenol	7.275	107	209520	43.381	ng	98
18) Hexachloroethane	7.551	117	97353	40.904	ng	96
19) n-Nitroso-di-n-propyla...	7.440	70	170359	43.987	ng	98
20) 3+4-Methylphenols	7.428	107	272412	43.054	ng	97
22) Acetophenone	7.440	105	365560	49.419	ng	# 95
24) Nitrobenzene	7.616	77	250176	43.952	ng	96
25) Isophorone	7.851	82	465202	47.771	ng	# 97
26) 2-Nitrophenol	7.934	139	136880	47.858	ng	97
27) 2,4-Dimethylphenol	7.957	122	188597	51.217	ng	97
28) bis(2-Chloroethoxy)met...	8.057	93	271388	45.982	ng	96
29) 2,4-Dichlorophenol	8.175	162	201831	43.587	ng	96
30) 1,2,4-Trichlorobenzene	8.263	180	222006	42.941	ng	99
31) Naphthalene	8.345	128	722685	43.528	ng	99
32) Benzoic acid	8.075	122	148631	47.749	ng	# 82
33) 4-Chloroaniline	8.387	127	144037	26.464	ng	97
34) Hexachlorobutadiene	8.451	225	127555	38.979	ng	97
35) Caprolactam	8.757	113	93882m	69.981	ng	
36) 4-Chloro-3-methylphenol	8.892	107	243059	51.600	ng	# 74
37) 2-Methylnaphthalene	9.051	142	366380m	34.330	ng	
38) 1-Methylnaphthalene	9.134	142	426246	40.626	ng	100
40) 1,2,4,5-Tetrachloroben...	9.216	216	189403	369.653	ng	# 87
41) Hexachlorocyclopentadiene	9.210	237	101878m	523.281	ng	
43) 2,4,6-Trichlorophenol	9.375	196	203522m	605.809	ng	

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44) 2,4,5-Trichlorophenol	9.375	196	293031m	797.167	ng	
46) 1,1'-Biphenyl	9.516	154	443180	335.258	ng	85
47) 2-Chloronaphthalene	9.545	162	324244m	307.273	ng	
48) 2-Nitroaniline	9.663	65	103647	383.568	ng	# 76
49) Acenaphthylene	10.010	152	434204m	286.171	ng	
50) Dimethylphthalate	9.834	163	576505	487.796	ng	# 35
51) 2,6-Dinitrotoluene	9.898	165	77807	286.844	ng	# 48
52) Acenaphthene	10.181	154	205993m	205.410	ng	
53) 3-Nitroaniline	10.063	138	62323	235.023	ng	# 35
54) 2,4-Dinitrophenol	10.216	184	32909	211.980	ng	# 1
55) Dibenzofuran	10.375	168	327109m	224.128	ng	
56) 4-Nitrophenol	10.222	139	85740	450.175	ng	# 1
57) 2,4-Dinitrotoluene	10.304	165	8085	23.056	ng	# 50
58) Fluorene	10.716	166	144571	125.236	ng	# 1
59) 2,3,4,6-Tetrachlorophenol	10.475	232	196693	681.134	ng	# 41
60) Diethylphthalate	10.575	149	215427	195.172	ng	# 34
61) 4-Chlorophenyl-phenyle...	10.669	204	27562	48.415	ng	# 1
62) 4-Nitroaniline	10.669	138	11723	46.610	ng	# 50
63) Azobenzene	10.816	77	17208	17.140	ng	# 48
65) 4,6-Dinitro-2-methylph...	10.692	198	4992	570.288	ng	# 1
66) n-Nitrosodiphenylamine	10.851	169	259597	5583.807	ng	# 72
67) 4-Bromophenyl-phenylether	11.086	248	1983	119.316	ng	# 1
68) Hexachlorobenzene	11.281	284	10136	551.734	ng	# 1
69) Atrazine	11.328	200	8929	703.339	ng	# 1
70) Pentachlorophenol	11.392	266	136480m	12682.588	ng	
71) Phenanthrene	11.769	178	130614m	1748.348	ng	
72) Anthracene	11.828	178	227512m	3069.382	ng	
73) Carbazole	11.975	167	159902m	2361.535	ng	
74) Di-n-butylphthalate	12.163	149	19738	262.667	ng	# 15
75) Fluoranthene	13.027	202	181017m	2387.169	ng	
78) Pyrene	13.245	202	236372m	17.591	ng	
80) Butylbenzylphthalate	13.727	149	305518	75.381	ng	93
81) Benzo(a)anthracene	14.292	228	450282	46.327	ng	99
82) 3,3'-Dichlorobenzidine	14.233	252	151163	56.120	ng	# 98
83) Chrysene	14.327	228	409778	44.083	ng	99
84) Bis(2-ethylhexyl)phtha...	14.222	149	256279	50.302	ng	# 98
85) Di-n-octyl phthalate	14.816	149	249655	36.272	ng	99
87) Indeno(1,2,3-cd)pyrene	17.427	276	168616	52.856	ng	99
88) Benzo(b)fluoranthene	15.339	252	180902	62.923	ng	99
89) Benzo(k)fluoranthene	15.368	252	176868	62.621	ng	99
90) Benzo(a)pyrene	15.733	252	128228	52.232	ng	# 98
91) Dibenzo(a,h)anthracene	17.445	278	143313	54.373	ng	99
92) Benzo(g,h,i)perylene	17.927	276	151062	54.558	ng	96

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

