

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102823\
 Data File : BF136019.D
 Acq On : 28 Oct 2023 22:21
 Operator : CG\JU
 Sample : 04878-03MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 222MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/31/2023
 Supervised By :mohammad ahmed 10/31/2023

Quant Time: Oct 30 00:32:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 26 03:58:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	145596	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	545961	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	176810	20.000	ng	0.02
64) Phenanthrene-d10	11.445	188	84840	20.000	ng	# 0.09
76) Chrysene-d12	14.074	240	233184	20.000	ng	# 0.06
86) Perylene-d12	15.533	264	226864	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	1053872	111.772	ng	0.00
7) Phenol-d6	6.463	99	1335637	113.783	ng	0.00
23) Nitrobenzene-d5	7.392	82	757747	89.094	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	175915	113.669	ng	0.06
45) 2-Fluorobiphenyl	9.186	172	1303321	118.033	ng	0.00
79) Terphenyl-d14	13.039	244	496635	35.584	ng	0.08
Target Compounds						Qvalue
2) 1,4-Dioxane	2.587	88	156575	35.748	ng	97
3) Pyridine	3.363	79	415383	34.360	ng	98
4) n-Nitrosodimethylamine	3.310	42	212798	40.370	ng	95
6) Aniline	6.498	93	117418	7.429	ng	99
8) 2-Chlorophenol	6.610	128	511742	52.427	ng	97
9) Benzaldehyde	6.375	77	178560	28.120	ng	98
10) Phenol	6.475	94	583079m	47.514	ng	
11) bis(2-Chloroethyl)ether	6.569	93	497270	52.059	ng	99
12) 1,3-Dichlorobenzene	6.769	146	512622	49.443	ng	96
13) 1,4-Dichlorobenzene	6.845	146	512859	49.253	ng	98
14) 1,2-Dichlorobenzene	6.992	146	491398	50.820	ng	98
15) Benzyl Alcohol	6.969	79	408379	49.213	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.104	45	657616	46.749	ng	96
17) 2-Methylphenol	7.081	107	364532	42.373	ng	99
18) Hexachloroethane	7.339	117	180157	50.882	ng	93
19) n-Nitroso-di-n-propyla...	7.245	70	317767	47.604	ng	95
20) 3+4-Methylphenols	7.234	107	459404	44.246	ng	# 80
22) Acetophenone	7.239	105	641140	51.994	ng	# 92
24) Nitrobenzene	7.410	77	483917	53.225	ng	100
25) Isophorone	7.645	82	882181	51.119	ng	99
26) 2-Nitrophenol	7.722	139	235829	63.858	ng	97
27) 2,4-Dimethylphenol	7.757	122	201487	25.617	ng	97
28) bis(2-Chloroethoxy)met...	7.863	93	556757	52.537	ng	97
29) 2,4-Dichlorophenol	7.963	162	389675	55.327	ng	99
30) 1,2,4-Trichlorobenzene	8.045	180	419019	52.545	ng	97
31) Naphthalene	8.128	128	1318075	49.935	ng	99
32) Benzoic acid	7.875	122	323805	68.060	ng	90
33) 4-Chloroaniline	8.181	127	86387	7.405	ng	99
34) Hexachlorobutadiene	8.245	225	238539	53.070	ng	99
35) Caprolactam	8.598	113	133874	57.118	ng	# 74
36) 4-Chloro-3-methylphenol	8.663	107	399663	53.397	ng	98
37) 2-Methylnaphthalene	8.822	142	785801	44.994	ng	99
38) 1-Methylnaphthalene	8.922	142	749915	45.954	ng	98
40) 1,2,4,5-Tetrachloroben...	8.986	216	359284	71.946	ng	98
41) Hexachlorocyclopentadiene	8.975	237	357909	145.351	ng	98
43) 2,4,6-Trichlorophenol	9.098	196	224418	76.781	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.151	196	274662	79.146	ng	# 81
46) 1,1'-Biphenyl	9.292	154	952609	71.104	ng	99
47) 2-Chloronaphthalene	9.310	162	688952	69.524	ng	96
48) 2-Nitroaniline	9.410	65	211335	70.634	ng	99
49) Acenaphthylene	9.751	152	905863	57.944	ng	# 88
50) Dimethylphthalate	9.598	163	707161	61.674	ng	# 91
51) 2,6-Dinitrotoluene	9.663	165	191500	77.262	ng	# 73
52) Acenaphthene	9.922	154	513849	51.287	ng	98
53) 3-Nitroaniline	9.822	138	104391	37.775	ng	# 63
54) 2,4-Dinitrophenol	9.939	184	42706	60.474	ng	# 1
55) Dibenzofuran	10.104	168	666484	46.047	ng	90
56) 4-Nitrophenol	9.992	139	210300	90.074	ng	# 28
57) 2,4-Dinitrotoluene	10.069	165	118461	41.200	ng	# 88
58) Fluorene	10.457	166	397160	36.677	ng	# 88
59) 2,3,4,6-Tetrachlorophenol	10.192	232	274531m	105.129	ng	
60) Diethylphthalate	10.322	149	398858	36.479	ng	# 80
61) 4-Chlorophenyl-phenyle...	10.451	204	212905	40.759	ng	# 66
62) 4-Nitroaniline	10.439	138	55319m	22.389	ng	
63) Azobenzene	10.622	77	229647	20.696	ng	# 69
65) 4,6-Dinitro-2-methylph...	10.492	198	23270	69.072	ng	# 1
66) n-Nitrosodiphenylamine	10.563	169	459193	179.161	ng	92
67) 4-Bromophenyl-phenylether	10.969	248	80687	92.866	ng	# 38
68) Hexachlorobenzene	11.057	284	89945	96.908	ng	# 12
69) Atrazine	11.151	200	63950	91.528	ng	# 1
70) Pentachlorophenol	11.245	266	90833	150.428	ng	94
71) Phenanthrene	11.475	178	317082	73.873	ng	# 50
72) Anthracene	11.527	178	112061	25.498	ng	# 45
73) Carbazole	11.663	167	182211	46.476	ng	# 39
74) Di-n-butylphthalate	12.016	149	279611	67.023	ng	# 76
75) Fluoranthene	12.686	202	273095	60.477	ng	85
78) Pyrene	12.910	202	334515	17.085	ng	# 91
80) Butylbenzylphthalate	13.498	149	209741	29.912	ng	# 82
81) Benzo(a)anthracene	14.063	228	775939	48.939	ng	98
82) 3,3'-Dichlorobenzidine	14.027	252	34021	7.053	ng	# 78
83) Chrysene	14.098	228	753500	48.794	ng	97
84) Bis(2-ethylhexyl)phtha...	14.045	149	491894	61.096	ng	# 98
85) Di-n-octyl phthalate	14.651	149	1009771	79.617	ng	# 95
87) Indeno(1,2,3-cd)pyrene	17.033	276	526920	40.961	ng	97
88) Benzo(b)fluoranthene	15.104	252	890724	65.974	ng	99
89) Benzo(k)fluoranthene	15.133	252	829868	62.585	ng	97
90) Benzo(a)pyrene	15.474	252	634758	51.012	ng	99
91) Dibenzo(a,h)anthracene	17.057	278	442806	40.243	ng	97
92) Benzo(g,h,i)perylene	17.486	276	426386	35.172	ng	98

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

