

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102823\
 Data File : BF136020.D
 Acq On : 28 Oct 2023 22:54
 Operator : CG\JU
 Sample : 04878-03MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 222MSD

Manual Integrations
 APPROVED

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

Quant Time: Oct 30 00:32:42 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	145998	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	537036	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	172405	20.000	ng	0.03
64) Phenanthrene-d10	11.451	188	93743	20.000	ng	# 0.10
76) Chrysene-d12	14.068	240	231725	20.000	ng	# 0.06
86) Perylene-d12	15.533	264	225049	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	1014164	107.264	ng	0.00
7) Phenol-d6	6.463	99	1284285	109.107	ng	0.00
23) Nitrobenzene-d5	7.392	82	727173	87.159	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	176747	117.124	ng	0.05
45) 2-Fluorobiphenyl	9.192	172	1323964	122.966	ng	0.00
79) Terphenyl-d14	13.039	244	496720	35.814	ng	0.08
Target Compounds						Qvalue
2) 1,4-Dioxane	2.581	88	147238	33.524	ng	97
3) Pyridine	3.363	79	392051	32.341	ng	97
4) n-Nitrosodimethylamine	3.304	42	201154	38.056	ng	97
6) Aniline	6.492	93	122996	7.760	ng	98
8) 2-Chlorophenol	6.610	128	491397	50.205	ng	98
9) Benzaldehyde	6.375	77	175311	27.532	ng	96
10) Phenol	6.481	94	570919m	46.395	ng	
11) bis(2-Chloroethyl)ether	6.569	93	480227	50.136	ng	99
12) 1,3-Dichlorobenzene	6.769	146	494323	47.547	ng	97
13) 1,4-Dichlorobenzene	6.845	146	495169	47.423	ng	98
14) 1,2-Dichlorobenzene	6.998	146	472592	48.741	ng	100
15) Benzyl Alcohol	6.969	79	393216	47.256	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.110	45	623956	44.234	ng	97
17) 2-Methylphenol	7.081	107	353836	41.017	ng	100
18) Hexachloroethane	7.339	117	171125	48.198	ng	94
19) n-Nitroso-di-n-propyla...	7.245	70	306964	45.859	ng	96
20) 3+4-Methylphenols	7.234	107	447959	43.025	ng	# 84
22) Acetophenone	7.239	105	623664	51.417	ng	# 94
24) Nitrobenzene	7.410	77	462105	51.746	ng	98
25) Isophorone	7.651	82	853320	50.269	ng	97
26) 2-Nitrophenol	7.722	139	227454	63.076	ng	95
27) 2,4-Dimethylphenol	7.763	122	197955	25.587	ng	100
28) bis(2-Chloroethoxy)met...	7.863	93	529638	50.809	ng	99
29) 2,4-Dichlorophenol	7.963	162	374032	53.988	ng	99
30) 1,2,4-Trichlorobenzene	8.051	180	409142	52.159	ng	99
31) Naphthalene	8.133	128	1274370	49.081	ng	99
32) Benzoic acid	7.863	122	304957m	66.334	ng	
33) 4-Chloroaniline	8.181	127	80928	7.052	ng	98
34) Hexachlorobutadiene	8.245	225	231782	52.424	ng	99
35) Caprolactam	8.604	113	126736	54.972	ng	# 56
36) 4-Chloro-3-methylphenol	8.663	107	389204	52.864	ng	97
37) 2-Methylnaphthalene	8.822	142	761688	44.338	ng	99
38) 1-Methylnaphthalene	8.922	142	724881	45.158	ng	100
40) 1,2,4,5-Tetrachloroben...	8.986	216	355313	72.969	ng	99
41) Hexachlorocyclopentadiene	8.975	237	324682	135.226	ng	98
43) 2,4,6-Trichlorophenol	9.098	196	227023	79.657	ng	98

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44) 2,4,5-Trichlorophenol	9.151	196	261413	77.253	ng	# 82
46) 1,1'-Biphenyl	9.298	154	932620	71.391	ng	99
47) 2-Chloronaphthalene	9.316	162	675494	69.907	ng	96
48) 2-Nitroaniline	9.416	65	207189	70.934	ng	99
49) Acenaphthylene	9.751	152	889651	58.361	ng	# 88
50) Dimethylphthalate	9.604	163	693378	62.017	ng	# 92
51) 2,6-Dinitrotoluene	9.663	165	168946	70.367	ng	# 73
52) Acenaphthene	9.927	154	490652	50.223	ng	96
53) 3-Nitroaniline	9.827	138	148759	53.100	ng	# 60
54) 2,4-Dinitrophenol	9.939	184	29321	50.016	ng	# 1
55) Dibenzofuran	10.104	168	656518	46.517	ng	# 89
56) 4-Nitrophenol	9.992	139	205493	90.251	ng	# 14
57) 2,4-Dinitrotoluene	10.075	165	119887	42.540	ng	# 89
58) Fluorene	10.463	166	383419	36.312	ng	# 80
59) 2,3,4,6-Tetrachlorophenol	10.192	232	275403	108.157	ng	# 56
60) Diethylphthalate	10.322	149	406785	38.155	ng	# 80
61) 4-Chlorophenyl-phenyle...	10.451	204	206541	40.551	ng	# 60
62) 4-Nitroaniline	10.439	138	66492m	26.516	ng	
63) Azobenzene	10.622	77	247156	22.844	ng	# 69
65) 4,6-Dinitro-2-methylph...	10.486	198	16751m	52.612	ng	
66) n-Nitrosodiphenylamine	10.563	169	440691	155.612	ng	90
67) 4-Bromophenyl-phenylether	10.963	248	82989	86.444	ng	# 34
68) Hexachlorobenzene	11.063	284	92714	90.405	ng	# 5
69) Atrazine	11.151	200	65185	84.435	ng	# 1
70) Pentachlorophenol	11.245	266	88125	132.598	ng	94
71) Phenanthrene	11.480	178	314088	66.225	ng	# 40
72) Anthracene	11.527	178	139340	28.693	ng	# 40
73) Carbazole	11.669	167	185399	42.798	ng	# 37
74) Di-n-butylphthalate	12.016	149	266485	57.810	ng	# 71
75) Fluoranthene	12.680	202	283025	56.724	ng	85
78) Pyrene	12.910	202	339020	17.424	ng	# 91
80) Butylbenzylphthalate	13.492	149	208627	29.937	ng	# 83
81) Benzo(a)anthracene	14.062	228	808873	51.337	ng	99
82) 3,3'-Dichlorobenzidine	14.021	252	38440	8.019	ng	# 87
83) Chrysene	14.098	228	725183	47.256	ng	99
84) Bis(2-ethylhexyl)phtha...	14.045	149	487822	60.972	ng	# 95
85) Di-n-octyl phthalate	14.651	149	992680	78.762	ng	96
87) Indeno(1,2,3-cd)pyrene	17.033	276	544624	42.679	ng	97
88) Benzo(b)fluoranthene	15.098	252	920822	68.753	ng	98
89) Benzo(k)fluoranthene	15.133	252	754619	57.369	ng	100
90) Benzo(a)pyrene	15.468	252	618058	50.071	ng	98
91) Dibenzo(a,h)anthracene	17.056	278	451800	41.392	ng	98
92) Benzo(g,h,i)perylene	17.486	276	438730	36.342	ng	98

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

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