

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081723\
 Data File : BF134819.D
 Acq On : 17 Aug 2023 12:20
 Operator : CG\JU
 Sample : 04019-01MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-081523MS

Quant Time: Aug 18 01:04:44 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 09:29:15 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/18/2023
 Supervised By :mohammad ahmed 08/18/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	149403	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	594145	20.000	ng	# 0.00
39) Acenaphthene-d10	9.839	164	279694	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	467067	20.000	ng	# 0.00
76) Chrysene-d12	13.974	240	290699	20.000	ng	# 0.00
86) Perylene-d12	15.445	264	295776	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	837906	85.253	ng	0.01
7) Phenol-d6	6.440	99	1080177	85.975	ng	0.00
23) Nitrobenzene-d5	7.363	82	651017	68.475	ng	0.00
42) 2,4,6-Tribromophenol	10.628	330	274720	96.352	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1167237	69.389	ng	0.00
79) Terphenyl-d14	12.916	244	1098772	66.632	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.605	88	161527	35.720	ng	# 93
3) Pyridine	3.363	79	417588	34.079	ng	# 88
4) n-Nitrosodimethylamine	3.322	42	217238	37.104	ng	# 60
6) Aniline	6.469	93	474268	28.780	ng	91
8) 2-Chlorophenol	6.587	128	462653	46.664	ng	95
9) Benzaldehyde	6.357	77	195787	29.381	ng	91
10) Phenol	6.457	94	540057m	43.619	ng	
11) bis(2-Chloroethyl)ether	6.540	93	424970	43.208	ng	94
12) 1,3-Dichlorobenzene	6.740	146	468575	45.679	ng	96
13) 1,4-Dichlorobenzene	6.822	146	476321	46.332	ng	97
14) 1,2-Dichlorobenzene	6.969	146	451834	47.169	ng	96
15) Benzyl Alcohol	6.945	79	390511	45.055	ng	93
16) 2,2'-oxybis(1-Chloropr...	7.075	45	645628	41.900	ng	90
17) 2-Methylphenol	7.057	107	361049	41.210	ng	93
18) Hexachloroethane	7.310	117	162203	44.954	ng	89
19) n-Nitroso-di-n-propyla...	7.216	70	293259	38.985	ng	90
20) 3+4-Methylphenols	7.210	107	415629	39.337	ng	90
22) Acetophenone	7.210	105	562915	41.040	ng	# 92
24) Nitrobenzene	7.381	77	461681	44.949	ng	97
25) Isophorone	7.622	82	857250	41.340	ng	99
26) 2-Nitrophenol	7.698	139	234517	53.091	ng	# 87
27) 2,4-Dimethylphenol	7.739	122	374188	40.442	ng	86
28) bis(2-Chloroethoxy)met...	7.834	93	525178	42.337	ng	99
29) 2,4-Dichlorophenol	7.939	162	375348	44.697	ng	99
30) 1,2,4-Trichlorobenzene	8.022	180	403012	45.004	ng	96
31) Naphthalene	8.104	128	1253234	41.969	ng	99
32) Benzoic acid	7.863	122	286540	47.561	ng	92
33) 4-Chloroaniline	8.151	127	262618	19.738	ng	97
34) Hexachlorobutadiene	8.216	225	234694	45.435	ng	96
35) Caprolactam	8.528	113	122128m	45.077	ng	
36) 4-Chloro-3-methylphenol	8.639	107	381668	42.915	ng	92
37) 2-Methylnaphthalene	8.792	142	795389	40.186	ng	97
38) 1-Methylnaphthalene	8.892	142	755324	41.039	ng	97
40) 1,2,4,5-Tetrachloroben...	8.957	216	382451	47.023	ng	98
41) Hexachlorocyclopentadiene	8.945	237	214777	54.304	ng	95
43) 2,4,6-Trichlorophenol	9.075	196	252068	47.356	ng	96

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44) 2,4,5-Trichlorophenol	9.116	196	262407	43.134	ng	91
46) 1,1'-Biphenyl	9.257	154	998254	45.897	ng	98
47) 2-Chloronaphthalene	9.281	162	749376	45.982	ng	99
48) 2-Nitroaniline	9.381	65	235840	46.522	ng	92
49) Acenaphthylene	9.698	152	1138462	44.441	ng	99
50) Dimethylphthalate	9.563	163	892186	46.802	ng	98
51) 2,6-Dinitrotoluene	9.628	165	192779	49.286	ng	# 78
52) Acenaphthene	9.869	154	759034m	45.721	ng	
53) 3-Nitroaniline	9.792	138	171551	40.375	ng	94
54) 2,4-Dinitrophenol	9.904	184	117454	77.003	ng	# 84
55) Dibenzofuran	10.045	168	990482	41.911	ng	94
56) 4-Nitrophenol	9.963	139	290134	83.489	ng	# 71
57) 2,4-Dinitrotoluene	10.028	165	238010	50.306	ng	# 89
58) Fluorene	10.386	166	735986	42.756	ng	96
59) 2,3,4,6-Tetrachlorophenol	10.163	232	216940	45.074	ng	97
60) Diethylphthalate	10.263	149	813284	45.009	ng	97
61) 4-Chlorophenyl-phenyle...	10.380	204	369740	43.699	ng	95
62) 4-Nitroaniline	10.410	138	177606	42.646	ng	85
63) Azobenzene	10.539	77	763287	39.317	ng	97
65) 4,6-Dinitro-2-methylph...	10.439	198	85927	45.967	ng	83
66) n-Nitrosodiphenylamine	10.498	169	680451	45.771	ng	99
67) 4-Bromophenyl-phenylether	10.869	248	243353	47.596	ng	97
68) Hexachlorobenzene	10.933	284	258675	47.910	ng	98
69) Atrazine	11.033	200	229906	57.376	ng	96
70) Pentachlorophenol	11.133	266	242818	72.636	ng	97
71) Phenanthrene	11.351	178	1177051	47.445	ng	99
72) Anthracene	11.404	178	1116920	44.076	ng	99
73) Carbazole	11.563	167	946713	41.842	ng	99
74) Di-n-butylphthalate	11.898	149	1143308	47.563	ng	100
75) Fluoranthene	12.545	202	1230586	46.959	ng	98
77) Benzidine	12.669	184	434854	68.910	ng	99
78) Pyrene	12.774	202	1211654	48.168	ng	97
80) Butylbenzylphthalate	13.398	149	423494	49.788	ng	95
81) Benzo(a)anthracene	13.968	228	917724	44.150	ng	99
82) 3,3'-Dichlorobenzidine	13.933	252	294463	48.872	ng	98
83) Chrysene	14.004	228	891313	44.012	ng	100
84) Bis(2-ethylhexyl)phtha...	13.963	149	521882	52.137	ng	98
85) Di-n-octyl phthalate	14.580	149	993756	65.285	ng	100
87) Indeno(1,2,3-cd)pyrene	16.945	276	778040	44.727	ng	# 92
88) Benzo(b)fluoranthene	15.015	252	928976	51.498	ng	# 97
89) Benzo(k)fluoranthene	15.051	252	767370	42.703	ng	99
90) Benzo(a)pyrene	15.386	252	754552	44.862	ng	# 96
91) Dibenzo(a,h)anthracene	16.968	278	626045	44.533	ng	# 96
92) Benzo(g,h,i)perylene	17.398	276	595232	41.508	ng	# 93

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

