

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020724\
 Data File : BF137312.D
 Acq On : 07 Feb 2024 10:46
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Feb 07 11:07:43 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 04:56:22 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/08/2024
 Supervised By :mohammad ahmed 02/09/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	50718	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	199677	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	120197	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	244749	20.000	ng	# 0.00
76) Chrysene-d12	13.974	240	182901	20.000	ng	0.00
86) Perylene-d12	15.451	264	136785	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	276717	90.028	ng	0.00
7) Phenol-d6	6.422	99	369740	84.292	ng	0.00
23) Nitrobenzene-d5	7.351	82	382983	85.873	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	124679	91.848	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	701491	80.228	ng	0.00
79) Terphenyl-d14	12.916	244	948755	70.518	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.522	88	65949	40.100	ng	98
3) Pyridine	3.275	79	139569	42.301	ng	98
4) n-Nitrosodimethylamine	3.240	42	69079	42.072	ng	92
6) Aniline	6.457	93	209329	44.580	ng	99
8) 2-Chlorophenol	6.575	128	146030	42.491	ng	96
9) Benzaldehyde	6.340	77	65431	39.169	ng	96
10) Phenol	6.440	94	206613	42.198	ng	98
11) bis(2-Chloroethyl)ether	6.528	93	134463	41.094	ng	99
12) 1,3-Dichlorobenzene	6.728	146	166616	41.350	ng	100
13) 1,4-Dichlorobenzene	6.804	146	171543	41.164	ng	99
14) 1,2-Dichlorobenzene	6.957	146	161330	41.405	ng	98
15) Benzyl Alcohol	6.934	79	140717	45.155	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.063	45	231490	39.274	ng	98
17) 2-Methylphenol	7.045	107	122270	42.585	ng	98
18) Hexachloroethane	7.298	117	63221	42.064	ng	95
19) n-Nitroso-di-n-propyla...	7.204	70	121998	40.564	ng	98
20) 3+4-Methylphenols	7.198	107	158618	43.640	ng	# 84
22) Acetophenone	7.198	105	226968	42.222	ng	98
24) Nitrobenzene	7.369	77	185949	42.957	ng	99
25) Isophorone	7.610	82	334488	40.632	ng	99
26) 2-Nitrophenol	7.687	139	72562	43.538	ng	92
27) 2,4-Dimethylphenol	7.722	122	97175	41.299	ng	98
28) bis(2-Chloroethoxy)met...	7.822	93	176891	40.464	ng	99
29) 2,4-Dichlorophenol	7.928	162	125808	43.100	ng	97
30) 1,2,4-Trichlorobenzene	8.010	180	149138	41.133	ng	99
31) Naphthalene	8.092	128	441656	40.914	ng	100
32) Benzoic acid	7.840	122	65841	41.312	ng	95
33) 4-Chloroaniline	8.140	127	167741	45.175	ng	98
34) Hexachlorobutadiene	8.210	225	99825	41.407	ng	97
35) Caprolactam	8.510	113	42940	47.310	ng	97
36) 4-Chloro-3-methylphenol	8.622	107	150771	43.732	ng	98
37) 2-Methylnaphthalene	8.781	142	294853	40.742	ng	98
38) 1-Methylnaphthalene	8.881	142	274834	40.887	ng	99
40) 1,2,4,5-Tetrachloroben...	8.945	216	164896	40.999	ng	97
41) Hexachlorocyclopentadiene	8.934	237	81587	42.591	ng	99
43) 2,4,6-Trichlorophenol	9.057	196	98921	43.363	ng	96

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44) 2,4,5-Trichlorophenol	9.098	196	110824	44.445	ng	98
46) 1,1'-Biphenyl	9.245	154	378172	39.544	ng	100
47) 2-Chloronaphthalene	9.269	162	283705	40.086	ng	98
48) 2-Nitroaniline	9.369	65	105593	46.097	ng	96
49) Acenaphthylene	9.687	152	463410	40.901	ng	100
50) Dimethylphthalate	9.551	163	341490	42.055	ng	100
51) 2,6-Dinitrotoluene	9.610	165	77774	44.916	ng	93
52) Acenaphthene	9.857	154	272315	40.894	ng	99
53) 3-Nitroaniline	9.787	138	76507	49.098	ng	93
54) 2,4-Dinitrophenol	9.886	184	33997	49.285	ng	90
55) Dibenzofuran	10.034	168	432818	40.854	ng	99
56) 4-Nitrophenol	9.945	139	52700	43.337	ng	96
57) 2,4-Dinitrotoluene	10.016	165	106279	47.304	ng	93
58) Fluorene	10.375	166	348385	41.947	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.151	232	102214m	44.056	ng	
60) Diethylphthalate	10.257	149	341299	42.687	ng	98
61) 4-Chlorophenyl-phenyle...	10.369	204	169367	41.026	ng	96
62) 4-Nitroaniline	10.398	138	71748	48.104	ng	94
63) Azobenzene	10.534	77	364725	41.189	ng	95
65) 4,6-Dinitro-2-methylph...	10.422	198	61374	47.414	ng	98
66) n-Nitrosodiphenylamine	10.492	169	295676	39.732	ng	97
67) 4-Bromophenyl-phenylether	10.863	248	108084	40.162	ng	98
68) Hexachlorobenzene	10.922	284	123656	41.136	ng	92
69) Atrazine	11.022	200	105690	43.022	ng	99
70) Pentachlorophenol	11.116	266	80835	46.910	ng	98
71) Phenanthrene	11.339	178	518707	40.483	ng	99
72) Anthracene	11.392	178	548775	41.092	ng	99
73) Carbazole	11.551	167	483154	43.289	ng	98
74) Di-n-butylphthalate	11.892	149	520021	43.102	ng	99
75) Fluoranthene	12.533	202	587655	43.830	ng	99
77) Benzidine	12.669	184	148719	45.409	ng	99
78) Pyrene	12.763	202	606544	34.508	ng	99
80) Butylbenzylphthalate	13.398	149	208345	46.336	ng	94
81) Benzo(a)anthracene	13.963	228	520011	40.145	ng	100
82) 3,3'-Dichlorobenzidine	13.933	252	159341	45.151	ng	97
83) Chrysene	13.998	228	527645	41.434	ng	99
84) Bis(2-ethylhexyl)phtha...	13.969	149	272359	52.065	ng	# 96
85) Di-n-octyl phthalate	14.586	149	421877	50.721	ng	100
87) Indeno(1,2,3-cd)pyrene	16.957	276	325685	33.891	ng	98
88) Benzo(b)fluoranthene	15.021	252	376232	44.725	ng	99
89) Benzo(k)fluoranthene	15.051	252	399295	44.869	ng	99
90) Benzo(a)pyrene	15.392	252	326604	41.257	ng	100
91) Dibenzo(a,h)anthracene	16.980	278	256180	33.269	ng	97
92) Benzo(g,h,i)perylene	17.410	276	251910	33.332	ng	98

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

