

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061423\
 Data File : BF133744.D
 Acq On : 14 Jun 2023 10:29
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/15/2023
 Supervised By :mohammad ahmed 06/16/2023

Quant Time: Jun 14 10:51:22 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 13 11:26:55 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	111749	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	415257	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	180786	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	340537	20.000	ng	0.00
76) Chrysene-d12	14.010	240	158158	20.000	ng	0.00
86) Perylene-d12	15.468	264	191011	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	533442	83.103	ng	0.00
7) Phenol-d6	6.469	99	643151	76.974	ng	0.00
23) Nitrobenzene-d5	7.404	82	605833	79.463	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	167029	72.989	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1086044	85.395	ng	0.00
79) Terphenyl-d14	12.951	244	832657	81.463	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.552	88	101428	35.941	ng	98
3) Pyridine	3.304	79	283943	34.520	ng	94
4) n-Nitrosodimethylamine	3.257	42	164784	36.242	ng	95
6) Aniline	6.498	93	404849	38.470	ng	100
8) 2-Chlorophenol	6.622	128	265447	39.240	ng	95
9) Benzaldehyde	6.387	77	184755	33.329	ng	98
10) Phenol	6.481	94	340328	39.007	ng	98
11) bis(2-Chloroethyl)ether	6.575	93	251635	38.850	ng	99
12) 1,3-Dichlorobenzene	6.775	146	283984	39.291	ng	99
13) 1,4-Dichlorobenzene	6.851	146	282982	38.737	ng	99
14) 1,2-Dichlorobenzene	7.004	146	266052	40.306	ng	99
15) Benzyl Alcohol	6.975	79	257706	39.490	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.110	45	455228	41.461	ng	99
17) 2-Methylphenol	7.087	107	243096	40.544	ng	98
18) Hexachloroethane	7.345	117	105911	42.349	ng	99
19) n-Nitroso-di-n-propyla...	7.251	70	195704	36.813	ng	99
20) 3+4-Methylphenols	7.239	107	291845	37.417	ng	96
22) Acetophenone	7.245	105	358103	37.599	ng	# 96
24) Nitrobenzene	7.422	77	309546	40.322	ng	99
25) Isophorone	7.657	82	526899	37.644	ng	99
26) 2-Nitrophenol	7.734	139	147638	42.852	ng	99
27) 2,4-Dimethylphenol	7.769	122	234536	39.495	ng	98
28) bis(2-Chloroethoxy)met...	7.869	93	307621	38.026	ng	99
29) 2,4-Dichlorophenol	7.975	162	225481	38.742	ng	99
30) 1,2,4-Trichlorobenzene	8.057	180	236023	38.869	ng	97
31) Naphthalene	8.139	128	768025	37.962	ng	99
32) Benzoic acid	7.886	122	171719m	45.850	ng	
33) 4-Chloroaniline	8.186	127	334182	38.632	ng	99
34) Hexachlorobutadiene	8.251	225	149277	37.548	ng	98
35) Caprolactam	8.563	113	72468	37.003	ng	92
36) 4-Chloro-3-methylphenol	8.669	107	251010	37.416	ng	99
37) 2-Methylnaphthalene	8.833	142	539618	38.388	ng	99
38) 1-Methylnaphthalene	8.928	142	498332	38.525	ng	100
40) 1,2,4,5-Tetrachloroben...	8.998	216	235052	42.768	ng	98
41) Hexachlorocyclopentadiene	8.981	237	123475	50.414	ng	98
43) 2,4,6-Trichlorophenol	9.110	196	162686	44.296	ng	96

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44) 2,4,5-Trichlorophenol	9.151	196	189899	44.444	ng	96
46) 1,1'-Biphenyl	9.298	154	625531	42.901	ng	99
47) 2-Chloronaphthalene	9.322	162	457139	43.708	ng	99
48) 2-Nitroaniline	9.416	65	153541	40.140	ng	97
49) Acenaphthylene	9.739	152	704497	38.701	ng	99
50) Dimethylphthalate	9.598	163	499751	37.034	ng	99
51) 2,6-Dinitrotoluene	9.663	165	110891	39.813	ng	96
52) Acenaphthene	9.910	154	411776	38.645	ng	99
53) 3-Nitroaniline	9.828	138	130171	38.404	ng	89
54) 2,4-Dinitrophenol	9.933	184	60076	46.701	ng	87
55) Dibenzofuran	10.080	168	632992	38.932	ng	98
56) 4-Nitrophenol	9.986	139	93726	40.972	ng	# 80
57) 2,4-Dinitrotoluene	10.063	165	144024	40.657	ng	97
58) Fluorene	10.428	166	488538	39.291	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.198	232	129643	40.527	ng	98
60) Diethylphthalate	10.298	149	507730	36.969	ng	99
61) 4-Chlorophenyl-phenyle...	10.416	204	229560	37.399	ng	98
62) 4-Nitroaniline	10.445	138	125741	37.835	ng	95
63) Azobenzene	10.575	77	497363	38.254	ng	98
65) 4,6-Dinitro-2-methylph...	10.475	198	78061	47.971	ng	92
66) n-Nitrosodiphenylamine	10.533	169	425824	37.227	ng	99
67) 4-Bromophenyl-phenylether	10.904	248	141678	37.275	ng	99
68) Hexachlorobenzene	10.969	284	152268	38.097	ng	97
69) Atrazine	11.063	200	117792	35.491	ng	98
70) Pentachlorophenol	11.163	266	96673	40.392	ng	97
71) Phenanthrene	11.386	178	662686	38.356	ng	100
72) Anthracene	11.439	178	681718	37.842	ng	100
73) Carbazole	11.598	167	624092	37.196	ng	98
74) Di-n-butylphthalate	11.922	149	707071	32.872	ng	99
75) Fluoranthene	12.580	202	667592	36.387	ng	99
77) Benzidine	12.698	184	198377	37.379	ng	98
78) Pyrene	12.810	202	664290	45.089	ng	99
80) Butylbenzylphthalate	13.427	149	205614	33.058	ng	96
81) Benzo(a)anthracene	13.998	228	426349	38.972	ng	99
82) 3,3'-Dichlorobenzidine	13.957	252	132566	36.449	ng	97
83) Chrysene	14.033	228	403476	38.994	ng	99
84) Bis(2-ethylhexyl)phtha...	13.986	149	220454	28.786	ng	100
85) Di-n-octyl phthalate	14.598	149	340212	31.261	ng	100
87) Indeno(1,2,3-cd)pyrene	16.939	276	565278	43.016	ng	98
88) Benzo(b)fluoranthene	15.045	252	406957	35.073	ng	99
89) Benzo(k)fluoranthene	15.074	252	395070	34.953	ng	98
90) Benzo(a)pyrene	15.410	252	398895	37.043	ng	98
91) Dibenzo(a,h)anthracene	16.951	278	471166	43.308	ng	99
92) Benzo(g,h,i)perylene	17.380	276	501468	46.490	ng	97

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

