

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081423\
 Data File : BF134756.D
 Acq On : 14 Aug 2023 13:15
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/15/2023
 Supervised By :Sohil Jodhani 08/15/2023

Quant Time: Aug 14 13:39:57 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	218350	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	825695	20.000	ng	# 0.00
39) Acenaphthene-d10	9.839	164	413026	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	758609	20.000	ng	# 0.00
76) Chrysene-d12	13.974	240	471859	20.000	ng	# 0.00
86) Perylene-d12	15.445	264	432569	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1015164	70.673	ng	0.00
7) Phenol-d6	6.445	99	1300890	70.847	ng	0.00
23) Nitrobenzene-d5	7.369	82	1123274	85.015	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	357961	85.018	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	1807940	72.781	ng	0.00
79) Terphenyl-d14	12.921	244	2017045	75.357	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.563	88	234563	35.492	ng	# 93
3) Pyridine	3.322	79	642660	35.886	ng	91
4) n-Nitrosodimethylamine	3.299	42	281352	32.880	ng	# 54
6) Aniline	6.475	93	849780	35.284	ng	91
8) 2-Chlorophenol	6.592	128	538517	37.165	ng	92
9) Benzaldehyde	6.357	77	346218	38.753	ng	97
10) Phenol	6.457	94	667559m	36.892	ng	
11) bis(2-Chloroethyl)ether	6.545	93	525501	36.558	ng	93
12) 1,3-Dichlorobenzene	6.745	146	553282	36.905	ng	94
13) 1,4-Dichlorobenzene	6.822	146	560170	37.282	ng	97
14) 1,2-Dichlorobenzene	6.975	146	513590	36.686	ng	96
15) Benzyl Alcohol	6.945	79	455587	35.966	ng	94
16) 2,2'-oxybis(1-Chloropr...	7.081	45	769557	34.172	ng	91
17) 2-Methylphenol	7.057	107	478793	37.393	ng	93
18) Hexachloroethane	7.310	117	199750	37.879	ng	94
19) n-Nitroso-di-n-propyla...	7.222	70	366975	33.380	ng	91
20) 3+4-Methylphenols	7.210	107	528766	34.242	ng	# 81
22) Acetophenone	7.216	105	659924	34.620	ng	# 90
24) Nitrobenzene	7.387	77	569215	39.877	ng	96
25) Isophorone	7.628	82	1042265	36.167	ng	99
26) 2-Nitrophenol	7.698	139	288974	47.617	ng	# 88
27) 2,4-Dimethylphenol	7.739	122	462203	35.945	ng	87
28) bis(2-Chloroethoxy)met...	7.834	93	623359	36.160	ng	100
29) 2,4-Dichlorophenol	7.939	162	450261	38.581	ng	97
30) 1,2,4-Trichlorobenzene	8.022	180	477361	38.358	ng	98
31) Naphthalene	8.104	128	1519250	36.610	ng	99
32) Benzoic acid	7.869	122	338572m	41.616	ng	
33) 4-Chloroaniline	8.151	127	683121	36.945	ng	99
34) Hexachlorobutadiene	8.216	225	278326	38.772	ng	97
35) Caprolactam	8.539	113	148080	39.329	ng	89
36) 4-Chloro-3-methylphenol	8.639	107	474739	38.411	ng	90
37) 2-Methylnaphthalene	8.792	142	993934	36.135	ng	100
38) 1-Methylnaphthalene	8.892	142	940872	36.784	ng	98
40) 1,2,4,5-Tetrachloroben...	8.957	216	465152	38.729	ng	99
41) Hexachlorocyclopentadiene	8.945	237	201334	34.472	ng	95
43) 2,4,6-Trichlorophenol	9.075	196	317166	40.350	ng	94

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44) 2,4,5-Trichlorophenol	9.116	196	362522	40.353	ng	90
46) 1,1'-Biphenyl	9.263	154	1179015	36.709	ng	99
47) 2-Chloronaphthalene	9.286	162	899454	37.374	ng	98
48) 2-Nitroaniline	9.381	65	313718	42.221	ng	93
49) Acenaphthylene	9.698	152	1393835	36.845	ng	99
50) Dimethylphthalate	9.569	163	1085226	38.551	ng	98
51) 2,6-Dinitrotoluene	9.628	165	250989	43.748	ng	# 84
52) Acenaphthene	9.875	154	916769m	37.396	ng	
53) 3-Nitroaniline	9.798	138	286003	45.582	ng	96
54) 2,4-Dinitrophenol	9.904	184	114644	57.538	ng	86
55) Dibenzofuran	10.045	168	1259584	36.093	ng	95
56) 4-Nitrophenol	9.957	139	207642	40.462	ng	# 74
57) 2,4-Dinitrotoluene	10.033	165	314734	45.345	ng	# 88
58) Fluorene	10.392	166	935817	36.815	ng	96
59) 2,3,4,6-Tetrachlorophenol	10.163	232	291843	41.062	ng	96
60) Diethylphthalate	10.263	149	992120	37.182	ng	97
61) 4-Chlorophenyl-phenyle...	10.380	204	465469	37.254	ng	95
62) 4-Nitroaniline	10.410	138	277954	45.196	ng	86
63) Azobenzene	10.545	77	1002946	34.984	ng	95
65) 4,6-Dinitro-2-methylph...	10.445	198	174829	55.385	ng	# 74
66) n-Nitrosodiphenylamine	10.504	169	882753	36.559	ng	98
67) 4-Bromophenyl-phenylether	10.875	248	316308	38.089	ng	93
68) Hexachlorobenzene	10.933	284	340690	38.850	ng	99
69) Atrazine	11.033	200	254193	39.058	ng	96
70) Pentachlorophenol	11.127	266	223456	41.155	ng	96
71) Phenanthrene	11.351	178	1451286	36.017	ng	100
72) Anthracene	11.404	178	1520407	36.940	ng	99
73) Carbazole	11.563	167	1338206	36.414	ng	99
74) Di-n-butylphthalate	11.898	149	1462931	37.470	ng	99
75) Fluoranthene	12.545	202	1530413	35.956	ng	97
77) Benzidine	12.669	184	324536	31.684	ng	98
78) Pyrene	12.774	202	1554414	38.070	ng	97
80) Butylbenzylphthalate	13.398	149	570466	41.318	ng	# 95
81) Benzo(a)anthracene	13.968	228	1165517	34.544	ng	99
82) 3,3'-Dichlorobenzidine	13.933	252	385864	39.454	ng	100
83) Chrysene	14.004	228	1164345	35.421	ng	99
84) Bis(2-ethylhexyl)phtha...	13.963	149	592686	36.478	ng	98
85) Di-n-octyl phthalate	14.574	149	944162	38.213	ng	99
87) Indeno(1,2,3-cd)pyrene	16.945	276	1110067	43.634	ng	# 92
88) Benzo(b)fluoranthene	15.015	252	1050696	39.826	ng	# 96
89) Benzo(k)fluoranthene	15.045	252	920895	35.041	ng	# 98
90) Benzo(a)pyrene	15.386	252	938922	38.171	ng	# 96
91) Dibenzo(a,h)anthracene	16.968	278	902953	43.918	ng	# 96
92) Benzo(g,h,i)perylene	17.404	276	935993	44.630	ng	# 93

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

