

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112923\
 Data File : BF136274.D
 Acq On : 29 Nov 2023 10:10
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/30/2023
 Supervised By :mohammad ahmed 12/01/2023

Quant Time: Nov 29 11:22:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 28 03:04:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	132308	20.000	ng	0.00
21) Naphthalene-d8	8.086	136	562654	20.000	ng	0.00
39) Acenaphthene-d10	9.845	164	288365	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	538980	20.000	ng	0.00
76) Chrysene-d12	13.992	240	247544	20.000	ng	0.00
86) Perylene-d12	15.468	264	232820	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	777519	81.793	ng	0.00
7) Phenol-d6	6.445	99	958982	80.682	ng	0.00
23) Nitrobenzene-d5	7.375	82	885762	83.189	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	300949	85.363	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	1842334	81.606	ng	0.00
79) Terphenyl-d14	12.933	244	1977179	92.131	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.587	88	144577	40.196	ng	98
3) Pyridine	3.346	79	359139	40.449	ng	99
4) n-Nitrosodimethylamine	3.316	42	164858	36.732	ng	94
6) Aniline	6.475	93	485857	43.248	ng	98
8) 2-Chlorophenol	6.598	128	423488	40.915	ng	92
9) Benzaldehyde	6.363	77	257714	38.902	ng	97
10) Phenol	6.457	94	518486	40.661	ng	97
11) bis(2-Chloroethyl)ether	6.551	93	378187	40.428	ng	97
12) 1,3-Dichlorobenzene	6.751	146	485078	41.297	ng	98
13) 1,4-Dichlorobenzene	6.828	146	483811	40.517	ng	98
14) 1,2-Dichlorobenzene	6.981	146	459115	40.614	ng	99
15) Benzyl Alcohol	6.951	79	341384	40.966	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.081	45	514502	39.596	ng	99
17) 2-Methylphenol	7.063	107	330955	40.672	ng	98
18) Hexachloroethane	7.316	117	170080	40.607	ng	97
19) n-Nitroso-di-n-propyla...	7.222	70	287290	40.413	ng	97
20) 3+4-Methylphenols	7.216	107	425909	40.273	ng	95
22) Acetophenone	7.222	105	602905	40.800	ng	# 87
24) Nitrobenzene	7.392	77	443755	41.126	ng	97
25) Isophorone	7.628	82	792331	41.269	ng	99
26) 2-Nitrophenol	7.704	139	207612	45.159	ng	97
27) 2,4-Dimethylphenol	7.739	122	258601	42.736	ng	97
28) bis(2-Chloroethoxy)met...	7.839	93	486083	41.856	ng	99
29) 2,4-Dichlorophenol	7.945	162	349817	42.860	ng	98
30) 1,2,4-Trichlorobenzene	8.028	180	409007	40.930	ng	98
31) Naphthalene	8.110	128	1317889	41.672	ng	99
32) Benzoic acid	7.869	122	267039m	48.422	ng	
33) 4-Chloroaniline	8.157	127	459686	42.762	ng	100
34) Hexachlorobutadiene	8.222	225	237671	40.654	ng	98
35) Caprolactam	8.539	113	99231	43.490	ng	95
36) 4-Chloro-3-methylphenol	8.639	107	375713	42.443	ng	98
37) 2-Methylnaphthalene	8.798	142	823968	41.534	ng	100
38) 1-Methylnaphthalene	8.898	142	803282	41.507	ng	95
40) 1,2,4,5-Tetrachloroben...	8.963	216	375669	40.935	ng	99
41) Hexachlorocyclopentadiene	8.951	237	146868	41.591	ng	97
43) 2,4,6-Trichlorophenol	9.080	196	250104	41.987	ng	97

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44) 2,4,5-Trichlorophenol	9.116	196	276743	42.573	ng	97
46) 1,1'-Biphenyl	9.269	154	1059115	41.649	ng	100
47) 2-Chloronaphthalene	9.292	162	824301	41.741	ng	98
48) 2-Nitroaniline	9.386	65	216919	42.072	ng	94
49) Acenaphthylene	9.704	152	1196144	42.444	ng	99
50) Dimethylphthalate	9.575	163	907252	41.626	ng	100
51) 2,6-Dinitrotoluene	9.633	165	196090	44.039	ng	94
52) Acenaphthene	9.880	154	742743	41.705	ng	99
53) 3-Nitroaniline	9.804	138	191747	43.401	ng	90
54) 2,4-Dinitrophenol	9.904	184	92591	44.712	ng	98
55) Dibenzofuran	10.051	168	1093323	41.256	ng	99
56) 4-Nitrophenol	9.957	139	149851	44.659	ng	92
57) 2,4-Dinitrotoluene	10.039	165	260627	43.820	ng	100
58) Fluorene	10.398	166	855261	41.144	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.169	232	219915	42.519	ng	99
60) Diethylphthalate	10.275	149	900832	41.319	ng	99
61) 4-Chlorophenyl-phenyle...	10.386	204	415195	41.129	ng	95
62) 4-Nitroaniline	10.416	138	193234	44.683	ng	96
63) Azobenzene	10.551	77	828957	41.013	ng	96
65) 4,6-Dinitro-2-methylph...	10.445	198	133387	45.256	ng	99
66) n-Nitrosodiphenylamine	10.510	169	731461	42.349	ng	99
67) 4-Bromophenyl-phenylether	10.880	248	263882	41.966	ng	97
68) Hexachlorobenzene	10.945	284	304023	41.775	ng	98
69) Atrazine	11.039	200	209684	40.924	ng	97
70) Pentachlorophenol	11.139	266	178209	43.321	ng	98
71) Phenanthrene	11.363	178	1257549	41.513	ng	99
72) Anthracene	11.416	178	1282034	42.202	ng	99
73) Carbazole	11.569	167	1099185	42.543	ng	100
74) Di-n-butylphthalate	11.910	149	1389396	42.978	ng	100
75) Fluoranthene	12.557	202	1273462	41.410	ng	99
77) Benzidine	12.680	184	305944	75.185	ng	99
78) Pyrene	12.786	202	1270173	46.852	ng	99
80) Butylbenzylphthalate	13.416	149	388531	46.049	ng	91
81) Benzo(a)anthracene	13.980	228	754823	41.052	ng	100
82) 3,3'-Dichlorobenzidine	13.945	252	200348	45.266	ng	96
83) Chrysene	14.015	228	736181	41.468	ng	99
84) Bis(2-ethylhexyl)phtha...	13.980	149	415932	41.076	ng	# 99
85) Di-n-octyl phthalate	14.598	149	636993	39.730	ng	100
87) Indeno(1,2,3-cd)pyrene	16.980	276	709539	41.175	ng	99
88) Benzo(b)fluoranthene	15.039	252	633517	38.784	ng	99
89) Benzo(k)fluoranthene	15.068	252	596045	38.421	ng	100
90) Benzo(a)pyrene	15.409	252	546788	40.949	ng	98
91) Dibenzo(a,h)anthracene	17.003	278	564667	40.855	ng	98
92) Benzo(g,h,i)perylene	17.439	276	580915	41.707	ng	98

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

