

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022323\
 Data File : BF132516.D
 Acq On : 23 Feb 2023 12:44
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/24/2023
 Supervised By : Jagrut Upadhyay 02/24/2023

Quant Time: Feb 24 00:35:04 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 23 00:59:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.013	152	202609	20.000	ng	0.00
21) Naphthalene-d8	8.295	136	696692	20.000	ng	0.00
39) Acenaphthene-d10	10.060	164	373136	20.000	ng	0.00
64) Phenanthrene-d10	11.554	188	739096	20.000	ng	0.00
76) Chrysene-d12	14.213	240	455920	20.000	ng	# 0.00
86) Perylene-d12	15.765	264	412064	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.637	112	977223	78.279	ng	0.00
7) Phenol-d6	6.643	99	1285799	78.920	ng	0.00
23) Nitrobenzene-d5	7.578	82	1213459	82.636	ng	0.00
42) 2,4,6-Tribromophenol	10.854	330	334051	82.897	ng	0.00
45) 2-Fluorobiphenyl	9.378	172	1839764	75.076	ng	0.00
79) Terphenyl-d14	13.148	244	2180637	80.867	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.884	88	287712	41.664	ng	99
3) Pyridine	3.660	79	724125	39.505	ng	99
4) n-Nitrosodimethylamine	3.619	42	279215	40.327	ng	99
6) Aniline	6.678	93	915822	41.769	ng	97
8) 2-Chlorophenol	6.801	128	515570	39.792	ng	94
9) Benzaldehyde	6.560	77	327336	37.234	ng	97
10) Phenol	6.654	94	750736	40.191	ng	98
11) bis(2-Chloroethyl)ether	6.742	93	570667	39.575	ng	100
12) 1,3-Dichlorobenzene	6.954	146	552189	39.714	ng	98
13) 1,4-Dichlorobenzene	7.031	146	551880	39.751	ng	99
14) 1,2-Dichlorobenzene	7.184	146	503130	37.761	ng	99
15) Benzyl Alcohol	7.148	79	514868	41.033	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.278	45	732503	39.835	ng	98
17) 2-Methylphenol	7.260	107	487273	40.297	ng	99
18) Hexachloroethane	7.525	117	217144	40.034	ng	97
19) n-Nitroso-di-n-propyla...	7.425	70	382813	38.178	ng	94
20) 3+4-Methylphenols	7.413	107	560989	35.910	ng	# 88
22) Acetophenone	7.419	105	706803	40.234	ng	# 94
24) Nitrobenzene	7.595	77	650658	41.431	ng	96
25) Isophorone	7.831	82	1153050	40.956	ng	98
26) 2-Nitrophenol	7.913	139	293481	42.354	ng	94
27) 2,4-Dimethylphenol	7.942	122	446571	40.834	ng	98
28) bis(2-Chloroethoxy)met...	8.037	93	684598	41.568	ng	99
29) 2,4-Dichlorophenol	8.154	162	452986	41.639	ng	98
30) 1,2,4-Trichlorobenzene	8.237	180	491956	41.646	ng	99
31) Naphthalene	8.319	128	1448804	40.621	ng	100
32) Benzoic acid	8.066	122	355613m	41.802	ng	
33) 4-Chloroaniline	8.366	127	654212	42.804	ng	99
34) Hexachlorobutadiene	8.431	225	307695	40.990	ng	100
35) Caprolactam	8.748	113	155009	43.220	ng	94
36) 4-Chloro-3-methylphenol	8.848	107	502139	42.030	ng	97
37) 2-Methylnaphthalene	9.013	142	998771	41.091	ng	99
38) 1-Methylnaphthalene	9.113	142	931312	41.000	ng	99
40) 1,2,4,5-Tetrachloroben...	9.178	216	503116	41.212	ng	99
41) Hexachlorocyclopentadiene	9.160	237	289434	43.711	ng	99
43) 2,4,6-Trichlorophenol	9.289	196	342759	41.429	ng	99

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44) 2,4,5-Trichlorophenol	9.336	196	411792	42.645	ng	98
46) 1,1'-Biphenyl	9.478	154	1152933	40.823	ng	98
47) 2-Chloronaphthalene	9.507	162	915067	40.867	ng	99
48) 2-Nitroaniline	9.601	65	348137	42.214	ng	97
49) Acenaphthylene	9.925	152	1464047	41.083	ng	99
50) Dimethylphthalate	9.778	163	1119701	41.212	ng	100
51) 2,6-Dinitrotoluene	9.842	165	263138	42.528	ng	95
52) Acenaphthene	10.095	154	939014	41.496	ng	99
53) 3-Nitroaniline	10.013	138	300123	43.361	ng	96
54) 2,4-Dinitrophenol	10.119	184	157240	41.242	ng	92
55) Dibenzofuran	10.266	168	1342985	40.710	ng	98
56) 4-Nitrophenol	10.172	139	231540	44.857	ng	98
57) 2,4-Dinitrotoluene	10.248	165	355060	43.134	ng	94
58) Fluorene	10.613	166	1027599	40.723	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.383	232	307990	42.937	ng	100
60) Diethylphthalate	10.478	149	1090194	41.086	ng	99
61) 4-Chlorophenyl-phenyle...	10.601	204	535279	40.891	ng	97
62) 4-Nitroaniline	10.636	138	297226	43.747	ng	98
63) Azobenzene	10.760	77	1180476	42.007	ng	96
65) 4,6-Dinitro-2-methylph...	10.660	198	220919	44.155	ng	92
66) n-Nitrosodiphenylamine	10.719	169	924512	40.123	ng	98
67) 4-Bromophenyl-phenylether	11.095	248	340448	40.722	ng	98
68) Hexachlorobenzene	11.160	284	348379	39.602	ng	# 90
69) Atrazine	11.242	200	295730	41.111	ng	97
70) Pentachlorophenol	11.360	266	233006	44.519	ng	98
71) Phenanthrene	11.583	178	1532248	40.018	ng	99
72) Anthracene	11.636	178	1569534	39.807	ng	100
73) Carbazole	11.789	167	1450062	40.791	ng	99
74) Di-n-butylphthalate	12.107	149	1681552	40.325	ng	99
75) Fluoranthene	12.777	202	1713193	40.929	ng	99
77) Benzidine	12.895	184	625916	56.397	ng	100
78) Pyrene	13.013	202	1722896	41.564	ng	100
80) Butylbenzylphthalate	13.619	149	703441	43.004	ng	99
81) Benzo(a)anthracene	14.201	228	1413813	41.445	ng	98
82) 3,3'-Dichlorobenzidine	14.160	252	426417	42.399	ng	99
83) Chrysene	14.242	228	1308982	41.034	ng	100
84) Bis(2-ethylhexyl)phtha...	14.171	149	870389	43.315	ng	99
85) Di-n-octyl phthalate	14.801	149	1304843	44.437	ng	100
87) Indeno(1,2,3-cd)pyrene	17.377	276	1190026	44.075	ng	100
88) Benzo(b)fluoranthene	15.301	252	1166236	42.233	ng	97
89) Benzo(k)fluoranthene	15.336	252	1112163	41.151	ng	99
90) Benzo(a)pyrene	15.701	252	1085577	42.004	ng	99
91) Dibenzo(a,h)anthracene	17.395	278	953873	43.360	ng	97
92) Benzo(g,h,i)perylene	17.871	276	993849	40.246	ng	99

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

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