

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112322\
 Data File : BF131363.D
 Acq On : 23 Nov 2022 16:00
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Nov 24 06:02:40 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 24 05:53:32 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian
 Giraldo
 11/25/2022
 Supervised By :Jagrit
 Upadhyay
 11/25/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	110676	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	387780	20.000	ng	0.00
39) Acenaphthene-d10	10.010	164	222316	20.000	ng	0.00
64) Phenanthrene-d10	11.504	188	410492	20.000	ng	0.00
76) Chrysene-d12	14.163	240	269943	20.000	ng	0.00
86) Perylene-d12	15.692	264	215782	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	467115	80.326	ng	0.00
7) Phenol-d6	6.569	99	591279	79.692	ng	0.00
23) Nitrobenzene-d5	7.522	82	599025	77.869	ng	0.00
42) 2,4,6-Tribromophenol	10.804	330	169459	90.602	ng	0.00
45) 2-Fluorobiphenyl	9.328	172	1085330	71.023	ng	0.00
79) Terphenyl-d14	13.098	244	1196480	72.481	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.763	88	107074	38.622	ng	99
3) Pyridine	3.534	79	301850	39.211	ng	97
4) n-Nitrosodimethylamine	3.505	42	173931	38.313	ng	95
6) Aniline	6.616	93	370245m	38.076	ng	
8) 2-Chlorophenol	6.740	128	263465	39.991	ng	95
9) Benzaldehyde	6.504	77	183682	40.372	ng	99
10) Phenol	6.587	94	330499	40.176	ng	97
11) bis(2-Chloroethyl)ether	6.687	93	254173	36.878	ng	97
12) 1,3-Dichlorobenzene	6.893	146	292695	37.277	ng	97
13) 1,4-Dichlorobenzene	6.975	146	296568	37.171	ng	98
14) 1,2-Dichlorobenzene	7.128	146	276718	37.668	ng	98
15) Benzyl Alcohol	7.093	79	258559	42.501	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.228	45	459592	34.868	ng	99
17) 2-Methylphenol	7.198	107	220746	39.313	ng	99
18) Hexachloroethane	7.469	117	111114	38.932	ng	96
19) n-Nitroso-di-n-propyla...	7.369	70	197935	36.442	ng	98
20) 3+4-Methylphenols	7.351	107	289472	40.375	ng	91
22) Acetophenone	7.369	105	372283	37.716	ng	# 96
24) Nitrobenzene	7.540	77	312248	38.958	ng	99
25) Isophorone	7.781	82	516851	37.659	ng	99
26) 2-Nitrophenol	7.857	139	123746	46.814	ng	95
27) 2,4-Dimethylphenol	7.887	122	212721	39.981	ng	98
28) bis(2-Chloroethoxy)met...	7.987	93	280828	36.026	ng	98
29) 2,4-Dichlorophenol	8.092	162	230706	39.975	ng	99
30) 1,2,4-Trichlorobenzene	8.181	180	262667	36.740	ng	99
31) Naphthalene	8.269	128	763516	36.948	ng	99
32) Benzoic acid	7.998	122	155979	47.270	ng	97
33) 4-Chloroaniline	8.310	127	314244	38.546	ng	99
34) Hexachlorobutadiene	8.381	225	169995	36.720	ng	99
35) Caprolactam	8.692	113	69962	46.132	ng	# 88
36) 4-Chloro-3-methylphenol	8.787	107	250586	41.793	ng	94
37) 2-Methylnaphthalene	8.957	142	515722	36.833	ng	100
38) 1-Methylnaphthalene	9.063	142	501957	36.970	ng	100
40) 1,2,4,5-Tetrachloroben...	9.122	216	260051	36.046	ng	99
41) Hexachlorocyclopentadiene	9.110	237	137516	42.401	ng	99
43) 2,4,6-Trichlorophenol	9.234	196	176627	43.157	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112322\
 Data File : BF131363.D
 Acq On : 23 Nov 2022 16:00
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By : Christian
 Giraldo
 11/25/2022
 Supervised By : Jagrut
 Upadhyay
 11/25/2022

Quant Time: Nov 24 06:02:40 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 24 05:53:32 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	192312	41.788	ng	97
46) 1,1'-Biphenyl	9.428	154	614802	36.239	ng	99
47) 2-Chloronaphthalene	9.451	162	505974	37.178	ng	98
48) 2-Nitroaniline	9.545	65	187069	45.271	ng	97
49) Acenaphthylene	9.875	152	774124	37.314	ng	99
50) Dimethylphthalate	9.728	163	592841	38.274	ng	99
51) 2,6-Dinitrotoluene	9.792	165	129257	41.727	ng	# 82
52) Acenaphthene	10.045	154	502408	38.674	ng	100
53) 3-Nitroaniline	9.963	138	138863	43.626	ng	97
54) 2,4-Dinitrophenol	10.063	184	61266	52.026	ng	# 86
55) Dibenzofuran	10.216	168	688248	36.825	ng	98
56) 4-Nitrophenol	10.104	139	110433	49.990	ng	97
57) 2,4-Dinitrotoluene	10.192	165	171348	43.963	ng	98
58) Fluorene	10.563	166	542710	37.207	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.328	232	170004	44.357	ng	99
60) Diethylphthalate	10.428	149	560127	38.297	ng	99
61) 4-Chlorophenyl-phenyle...	10.551	204	272158	36.397	ng	99
62) 4-Nitroaniline	10.581	138	142214	44.893	ng	98
63) Azobenzene	10.716	77	570247	36.261	ng	96
65) 4,6-Dinitro-2-methylph...	10.604	198	87186	49.107	ng	79
66) n-Nitrosodiphenylamine	10.675	169	472212	36.101	ng	99
67) 4-Bromophenyl-phenylether	11.045	248	175754	34.933	ng	99
68) Hexachlorobenzene	11.110	284	192164	35.987	ng	# 90
69) Atrazine	11.198	200	155331	38.570	ng	99
70) Pentachlorophenol	11.298	266	123401	42.225	ng	98
71) Phenanthrene	11.533	178	819217	36.928	ng	99
72) Anthracene	11.580	178	810383	37.170	ng	100
73) Carbazole	11.733	167	722392	38.844	ng	100
74) Di-n-butylphthalate	12.063	149	818563	37.353	ng	99
75) Fluoranthene	12.727	202	907747	38.832	ng	98
77) Benzidine	12.845	184	211442	42.406	ng	96
78) Pyrene	12.957	202	907093	38.086	ng	100
80) Butylbenzylphthalate	13.574	149	306555	39.099	ng	96
81) Benzo(a)anthracene	14.151	228	696875	37.662	ng	99
82) 3,3'-Dichlorobenzidine	14.110	252	209651	42.699	ng	99
83) Chrysene	14.186	228	666527	36.716	ng	99
84) Bis(2-ethylhexyl)phtha...	14.133	149	336167	32.894	ng	99
85) Di-n-octyl phthalate	14.763	149	484248	35.144	ng	97
87) Indeno(1,2,3-cd)pyrene	17.262	276	580213	40.034	ng	100
88) Benzo(b)fluoranthene	15.239	252	534106	37.259	ng	100
89) Benzo(k)fluoranthene	15.268	252	549473	37.300	ng	99
90) Benzo(a)pyrene	15.627	252	451874	38.418	ng	99
91) Dibenzo(a,h)anthracene	17.286	278	475001	39.698	ng	97
92) Benzo(g,h,i)perylene	17.745	276	475864	39.847	ng	98

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

