

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062622\
 Data File : BF129006.D
 Acq On : 26 Jun 2022 15:30
 Operator : CG\JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 06/29/2022
 Supervised By : Jagrut Upadhyay 06/29/2022

Quant Time: Jun 27 04:24:33 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 27 04:18:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.704	152	136473	20.000	ng	0.00
21) Naphthalene-d8	7.992	136	512955	20.000	ng	0.00
39) Acenaphthene-d10	9.745	164	198695	20.000	ng	0.00
64) Phenanthrene-d10	11.233	188	367090	20.000	ng	# 0.00
76) Chrysene-d12	13.880	240	279302	20.000	ng	# 0.00
86) Perylene-d12	15.304	264	213766	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	603983	70.493	ng	0.00
7) Phenol-d6	6.369	99	752508	71.951	ng	0.00
23) Nitrobenzene-d5	7.281	82	775309	70.371	ng	0.00
42) 2,4,6-Tribromophenol	10.539	330	158297	67.427	ng	0.00
45) 2-Fluorobiphenyl	9.069	172	1013971	71.485	ng	0.00
79) Terphenyl-d14	12.821	244	1113716	69.288	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.381	88	84758	26.647	ng	95
3) Pyridine	3.087	79	329475	38.992	ng	91
4) n-Nitrosodimethylamine	3.057	42	199198	33.995	ng	# 83
6) Aniline	6.375	93	409657	36.319	ng	# 35
8) 2-Chlorophenol	6.498	128	320948	36.608	ng	95
9) Benzaldehyde	6.257	77	180291	28.296	ng	95
10) Phenol	6.381	94	401282	36.297	ng	# 73
11) bis(2-Chloroethyl)ether	6.451	93	301818	37.256	ng	99
12) 1,3-Dichlorobenzene	6.645	146	367370	36.247	ng	99
13) 1,4-Dichlorobenzene	6.722	146	371701	36.313	ng	99
14) 1,2-Dichlorobenzene	6.875	146	341638	35.679	ng	98
15) Benzyl Alcohol	6.863	79	300512	34.342	ng	94
16) 2,2'-oxybis(1-Chloropr...	6.986	45	497626	37.283	ng	# 11
17) 2-Methylphenol	6.986	107	260513m	37.597	ng	
18) Hexachloroethane	7.210	117	136395	35.815	ng	93
19) n-Nitroso-di-n-propyla...	7.128	70	234814	36.110	ng	96
20) 3+4-Methylphenols	7.139	107	345223	37.319	ng	# 82
22) Acetophenone	7.128	105	466815	34.795	ng	# 95
24) Nitrobenzene	7.298	77	358388	35.432	ng	99
25) Isophorone	7.539	82	588098	35.146	ng	98
26) 2-Nitrophenol	7.610	139	172401	38.685	ng	90
27) 2,4-Dimethylphenol	7.663	122	250488	36.898	ng	97
28) bis(2-Chloroethoxy)met...	7.745	93	378451	35.777	ng	98
29) 2,4-Dichlorophenol	7.869	162	283500	36.082	ng	99
30) 1,2,4-Trichlorobenzene	7.933	180	307083	34.711	ng	98
31) Naphthalene	8.010	128	943059	35.823	ng	99
32) Benzoic acid	7.822	122	104616	21.721	ng	89
33) 4-Chloroaniline	8.075	127	362460	36.519	ng	98
34) Hexachlorobutadiene	8.128	225	206301	32.881	ng	99
35) Caprolactam	8.463	113	58110	26.746	ng	95
36) 4-Chloro-3-methylphenol	8.569	107	214369	25.000	ng	96
37) 2-Methylnaphthalene	8.704	142	420213	25.096	ng	98
38) 1-Methylnaphthalene	8.804	142	409504	25.313	ng	98
40) 1,2,4,5-Tetrachloroben...	8.869	216	226580	36.718	ng	99
41) Hexachlorocyclopentadiene	8.851	237	24218	6.529	ng	99
43) 2,4,6-Trichlorophenol	8.992	196	136811	32.785	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.045	196	143047	33.170	ng	96
46) 1,1'-Biphenyl	9.169	154	536156	35.963	ng	98
47) 2-Chloronaphthalene	9.192	162	422009	37.096	ng	98
48) 2-Nitroaniline	9.298	65	151430	38.927	ng	92
49) Acenaphthylene	9.610	152	629121	36.124	ng	99
50) Dimethylphthalate	9.475	163	491997	36.176	ng	100
51) 2,6-Dinitrotoluene	9.545	165	103425	38.530	ng	89
52) Acenaphthene	9.780	154	375005	33.065	ng	99
53) 3-Nitroaniline	9.716	138	113936	39.109	ng	99
54) 2,4-Dinitrophenol	9.833	184	42777	28.611	ng	89
55) Dibenzofuran	9.951	168	577257	35.416	ng	94
56) 4-Nitrophenol	9.910	139	42435	20.094	ng	# 74
57) 2,4-Dinitrotoluene	9.951	165	137024	38.250	ng	# 73
58) Fluorene	10.298	166	458786	36.295	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.080	232	113109	31.754	ng	99
60) Diethylphthalate	10.174	149	477012	34.897	ng	99
61) 4-Chlorophenyl-phenyle...	10.286	204	234076	35.703	ng	94
62) 4-Nitroaniline	10.333	138	108095	36.646	ng	90
63) Azobenzene	10.445	77	490949	36.484	ng	96
65) 4,6-Dinitro-2-methylph...	10.363	198	86209	39.794	ng	98
66) n-Nitrosodiphenylamine	10.410	169	422587	37.453	ng	99
67) 4-Bromophenyl-phenylether	10.774	248	151076	36.904	ng	95
68) Hexachlorobenzene	10.845	284	169023	37.178	ng	# 93
69) Atrazine	10.939	200	132239	36.445	ng	97
70) Pentachlorophenol	11.051	266	32761	14.436	ng	96
71) Phenanthrene	11.257	178	681521	37.014	ng	99
72) Anthracene	11.310	178	677256	37.162	ng	98
73) Carbazole	11.469	167	635687	37.555	ng	99
74) Di-n-butylphthalate	11.798	149	735931	35.709	ng	98
75) Fluoranthene	12.445	202	731749	38.020	ng	98
77) Benzidine	12.568	184	173037	31.079	ng	98
78) Pyrene	12.674	202	741463	35.682	ng	98
80) Butylbenzylphthalate	13.292	149	304058	34.843	ng	99
81) Benzo(a)anthracene	13.868	228	649826	37.325	ng	99
82) 3,3'-Dichlorobenzidine	13.827	252	140582	37.743	ng	97
83) Chrysene	13.904	228	619174	37.304	ng	100
84) Bis(2-ethylhexyl)phtha...	13.851	149	392846	34.627	ng	100
85) Di-n-octyl phthalate	14.468	149	599873	35.107	ng	100
87) Indeno(1,2,3-cd)pyrene	16.715	276	441325	34.253	ng	# 92
88) Benzo(b)fluoranthene	14.898	252	483542	35.400	ng	# 97
89) Benzo(k)fluoranthene	14.927	252	499967	38.910	ng	# 96
90) Benzo(a)pyrene	15.251	252	393915	36.692	ng	# 97
91) Dibenzo(a,h)anthracene	16.721	278	369619	34.585	ng	# 94
92) Benzo(g,h,i)perylene	17.133	276	360315	34.018	ng	# 92

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

