

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090922\
 Data File : BF130192.D
 Acq On : 09 Sep 2022 11:51
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 09/12/2022
 Supervised By : Jagrut Upadhyay 09/12/2022

Quant Time: Sep 09 23:44:23 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 07 02:05:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.698	152	166775	20.000	ng	0.00
21) Naphthalene-d8	7.981	136	612270	20.000	ng	0.00
39) Acenaphthene-d10	9.728	164	371192	20.000	ng	0.00
64) Phenanthrene-d10	11.210	188	642422	20.000	ng	0.00
76) Chrysene-d12	13.839	240	363511	20.000	ng	0.00
86) Perylene-d12	15.233	264	299917	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.293	112	745518	75.889	ng	0.00
7) Phenol-d6	6.334	99	956942	78.134	ng	0.00
23) Nitrobenzene-d5	7.263	82	863009	90.585	ng	0.00
42) 2,4,6-Tribromophenol	10.516	330	315069	93.247	ng	0.00
45) 2-Fluorobiphenyl	9.057	172	1795523	80.198	ng	0.00
79) Terphenyl-d14	12.792	244	1782993	85.057	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.334	88	198731	43.287	ng	94
3) Pyridine	3.028	79	478621	38.877	ng	93
4) n-Nitrosodimethylamine	2.987	42	192689	39.799	ng	91
6) Aniline	6.363	93	553968	36.077	ng	# 51
8) 2-Chlorophenol	6.481	128	431281	39.998	ng	97
9) Benzaldehyde	6.246	77	273793	36.523	ng	96
10) Phenol	6.346	94	550591	39.772	ng	# 67
11) bis(2-Chloroethyl)ether	6.440	93	400834	38.108	ng	98
12) 1,3-Dichlorobenzene	6.634	146	459153	38.413	ng	99
13) 1,4-Dichlorobenzene	6.716	146	474877	39.441	ng	97
14) 1,2-Dichlorobenzene	6.869	146	469724	42.917	ng	97
15) Benzyl Alcohol	6.845	79	355772	43.097	ng	95
16) 2,2'-oxybis(1-Chloropr...	6.975	45	557066	38.969	ng	# 53
17) 2-Methylphenol	6.951	107	379870	41.874	ng	# 88
18) Hexachloroethane	7.204	117	183170	42.129	ng	97
19) n-Nitroso-di-n-propyla...	7.116	70	311154	42.171	ng	95
20) 3+4-Methylphenols	7.110	107	466897	43.889	ng	# 65
22) Acetophenone	7.110	105	615445	44.992	ng	# 95
24) Nitrobenzene	7.281	77	447545	44.171	ng	98
25) Isophorone	7.522	82	749700	38.879	ng	99
26) 2-Nitrophenol	7.598	139	228455	47.998	ng	92
27) 2,4-Dimethylphenol	7.640	122	356025	44.002	ng	97
28) bis(2-Chloroethoxy)met...	7.734	93	436638	37.696	ng	99
29) 2,4-Dichlorophenol	7.834	162	355370	41.061	ng	98
30) 1,2,4-Trichlorobenzene	7.922	180	397695	43.580	ng	99
31) Naphthalene	7.998	128	1263700	40.923	ng	100
32) Benzoic acid	7.757	122	290874	44.573	ng	95
33) 4-Chloroaniline	8.051	127	525353	42.109	ng	99
34) Hexachlorobutadiene	8.116	225	220291	42.150	ng	99
35) Caprolactam	8.428	113	130168	48.535	ng	90
36) 4-Chloro-3-methylphenol	8.534	107	417487	47.671	ng	97
37) 2-Methylnaphthalene	8.692	142	923112	46.407	ng	99
38) 1-Methylnaphthalene	8.787	142	883282	45.683	ng	99
40) 1,2,4,5-Tetrachloroben...	8.857	216	393036	40.606	ng	99
41) Hexachlorocyclopentadiene	8.839	237	205221	40.570	ng	96
43) 2,4,6-Trichlorophenol	8.969	196	285905	41.381	ng	97

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44) 2,4,5-Trichlorophenol	9.004	196	317740	42.430	ng	95
46) 1,1'-Biphenyl	9.157	154	1080254	40.058	ng	99
47) 2-Chloronaphthalene	9.175	162	864780	40.023	ng	98
48) 2-Nitroaniline	9.275	65	259075	48.657	ng	93
49) Acenaphthylene	9.592	152	1315349	40.088	ng	100
50) Dimethylphthalate	9.463	163	1002400	39.648	ng	100
51) 2,6-Dinitrotoluene	9.522	165	221105	44.855	ng	# 84
52) Acenaphthene	9.763	154	848112m	41.014	ng	
53) 3-Nitroaniline	9.686	138	255432	45.146	ng	98
54) 2,4-Dinitrophenol	9.786	184	104301	49.984	ng	93
55) Dibenzofuran	9.934	168	1198794	40.486	ng	99
56) 4-Nitrophenol	9.845	139	198087	45.412	ng	88
57) 2,4-Dinitrotoluene	9.922	165	291655	51.391	ng	# 78
58) Fluorene	10.275	166	934912	41.496	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.051	232	252439	43.402	ng	# 78
60) Diethylphthalate	10.157	149	987093	40.357	ng	99
61) 4-Chlorophenyl-phenyle...	10.269	204	410990	41.266	ng	96
62) 4-Nitroaniline	10.298	138	262681	47.738	ng	99
63) Azobenzene	10.428	77	934518	38.805	ng	97
65) 4,6-Dinitro-2-methylph...	10.322	198	145741	48.164	ng	98
66) n-Nitrosodiphenylamine	10.392	169	832247	38.753	ng	98
67) 4-Bromophenyl-phenylether	10.757	248	284859	39.864	ng	97
68) Hexachlorobenzene	10.816	284	318783	40.942	ng	95
69) Atrazine	10.922	200	250779	41.277	ng	99
70) Pentachlorophenol	11.010	266	191440	43.970	ng	98
71) Phenanthrene	11.233	178	1360636	39.054	ng	100
72) Anthracene	11.286	178	1361500	39.753	ng	100
73) Carbazole	11.439	167	1241530	39.311	ng	100
74) Di-n-butylphthalate	11.780	149	1463601	38.431	ng	98
75) Fluoranthene	12.416	202	1348401	39.030	ng	98
77) Benzidine	12.545	184	459192	46.787	ng	99
78) Pyrene	12.645	202	1373859	42.136	ng	100
80) Butylbenzylphthalate	13.269	149	519423	40.052	ng	97
81) Benzo(a)anthracene	13.827	228	960186	38.544	ng	99
82) 3,3'-Dichlorobenzidine	13.798	252	305249	39.292	ng	99
83) Chrysene	13.863	228	922521	37.561	ng	99
84) Bis(2-ethylhexyl)phtha...	13.827	149	567046	35.176	ng	99
85) Di-n-octyl phthalate	14.439	149	815105	32.011	ng	98
87) Indeno(1,2,3-cd)pyrene	16.580	276	900419	45.513	ng	99
88) Benzo(b)fluoranthene	14.839	252	755321	37.765	ng	100
89) Benzo(k)fluoranthene	14.868	252	748527	38.697	ng	99
90) Benzo(a)pyrene	15.174	252	621432	39.102	ng	97
91) Dibenzo(a,h)anthracene	16.598	278	735556	45.437	ng	98
92) Benzo(g,h,i)perylene	16.986	276	755857	46.667	ng	96

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

