

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060222\
 Data File : BF128639.D
 Acq On : 02 Jun 2022 12:05
 Operator : CG\JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 06/03/2022
 Supervised By : Jagrut Upadhyay 06/03/2022

Quant Time: Jun 02 13:37:26 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 02 13:34:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	104825	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	367293	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	201222	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	380222	20.000	ng	# 0.00
76) Chrysene-d12	13.998	240	294277	20.000	ng	0.00
86) Perylene-d12	15.462	264	217953	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	535738	84.655	ng	0.00
7) Phenol-d6	6.498	99	645992	80.059	ng	0.00
23) Nitrobenzene-d5	7.392	82	646148	101.486	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	203455	106.227	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1174554	94.832	ng	0.00
79) Terphenyl-d14	12.945	244	1372112	90.081	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.587	88	103516	36.684	ng	# 93
3) Pyridine	3.322	79	271396	37.148	ng	# 86
4) n-Nitrosodimethylamine	3.287	42	189575	49.518	ng	# 72
6) Aniline	6.492	93	345617	36.706	ng	# 79
8) 2-Chlorophenol	6.628	128	268964	40.988	ng	94
9) Benzaldehyde	6.375	77	159220	40.792	ng	93
10) Phenol	6.510	94	346160m	43.293	ng	
11) bis(2-Chloroethyl)ether	6.569	93	250981	38.345	ng	97
12) 1,3-Dichlorobenzene	6.769	146	313870	42.099	ng	97
13) 1,4-Dichlorobenzene	6.845	146	313672	41.595	ng	99
14) 1,2-Dichlorobenzene	6.998	146	290014	41.785	ng	97
15) Benzyl Alcohol	6.981	79	267305	43.435	ng	92
16) 2,2'-oxybis(1-Chloropr...	7.104	45	399068	34.450	ng	69
17) 2-Methylphenol	7.116	107	209711	37.549	ng	# 91
18) Hexachloroethane	7.339	117	119177	44.803	ng	98
19) n-Nitroso-di-n-propyla...	7.245	70	201175	40.663	ng	92
20) 3+4-Methylphenols	7.263	107	286743	42.498	ng	# 81
22) Acetophenone	7.239	105	398762	47.084	ng	# 97
24) Nitrobenzene	7.416	77	299304	47.551	ng	99
25) Isophorone	7.651	82	491520	41.848	ng	97
26) 2-Nitrophenol	7.728	139	136710	51.966	ng	# 83
27) 2,4-Dimethylphenol	7.781	122	207225	39.629	ng	91
28) bis(2-Chloroethoxy)met...	7.863	93	316610	41.536	ng	97
29) 2,4-Dichlorophenol	7.992	162	237306	43.851	ng	98
30) 1,2,4-Trichlorobenzene	8.051	180	264702	45.157	ng	98
31) Naphthalene	8.133	128	752244	41.846	ng	99
32) Benzoic acid	7.922	122	148016m	40.043	ng	
33) 4-Chloroaniline	8.186	127	281155	39.280	ng	96
34) Hexachlorobutadiene	8.251	225	177581	47.981	ng	99
35) Caprolactam	8.563	113	61732	36.994	ng	92
36) 4-Chloro-3-methylphenol	8.692	107	243941	43.879	ng	95
37) 2-Methylnaphthalene	8.822	142	476359	41.981	ng	100
38) 1-Methylnaphthalene	8.922	142	450576	40.828	ng	100
40) 1,2,4,5-Tetrachloroben...	8.992	216	259497	46.963	ng	98
41) Hexachlorocyclopentadiene	8.975	237	161015	51.838	ng	98
43) 2,4,6-Trichlorophenol	9.110	196	173178	42.500	ng	99

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44) 2,4,5-Trichlorophenol	9.169	196	180551	43.004	ng	# 93
46) 1,1'-Biphenyl	9.292	154	613502	43.420	ng	96
47) 2-Chloronaphthalene	9.316	162	465976	42.012	ng	99
48) 2-Nitroaniline	9.416	65	163274	52.938	ng	94
49) Acenaphthylene	9.733	152	720394	42.279	ng	100
50) Dimethylphthalate	9.592	163	565785	43.347	ng	100
51) 2,6-Dinitrotoluene	9.657	165	114944	48.051	ng	90
52) Acenaphthene	9.904	154	478322m	45.499	ng	
53) 3-Nitroaniline	9.827	138	124696	45.137	ng	91
54) 2,4-Dinitrophenol	9.927	184	65050	64.561	ng	# 82
55) Dibenzofuran	10.075	168	673005	43.147	ng	92
56) 4-Nitrophenol	10.033	139	86234	38.467	ng	# 65
57) 2,4-Dinitrotoluene	10.057	165	155390	54.296	ng	95
58) Fluorene	10.416	166	534947	47.639	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.198	232	151715	44.590	ng	97
60) Diethylphthalate	10.292	149	569500	44.916	ng	100
61) 4-Chlorophenyl-phenyle...	10.410	204	275799	48.409	ng	92
62) 4-Nitroaniline	10.445	138	125692	47.520	ng	# 80
63) Azobenzene	10.569	77	562470	43.574	ng	95
65) 4,6-Dinitro-2-methylph...	10.469	198	94429	59.526	ng	91
66) n-Nitrosodiphenylamine	10.533	169	482762	42.409	ng	100
67) 4-Bromophenyl-phenylether	10.898	248	174528	44.427	ng	92
68) Hexachlorobenzene	10.963	284	195908	45.160	ng	97
69) Atrazine	11.063	200	157105	44.468	ng	95
70) Pentachlorophenol	11.169	266	99236	37.538	ng	98
71) Phenanthrene	11.380	178	772327	42.879	ng	99
72) Anthracene	11.433	178	765268	42.535	ng	99
73) Carbazole	11.592	167	712159	41.303	ng	99
74) Di-n-butylphthalate	11.921	149	886229	43.670	ng	99
75) Fluoranthene	12.568	202	832629	43.239	ng	96
77) Benzidine	12.692	184	217981	32.114	ng	100
78) Pyrene	12.798	202	843525	38.049	ng	98
80) Butylbenzylphthalate	13.421	149	379641	40.599	ng	99
81) Benzo(a)anthracene	13.992	228	741598	42.399	ng	98
82) 3,3'-Dichlorobenzidine	13.957	252	156335	34.906	ng	# 96
83) Chrysene	14.027	228	699174	39.032	ng	100
84) Bis(2-ethylhexyl)phtha...	13.980	149	488504	43.192	ng	99
85) Di-n-octyl phthalate	14.598	149	743260	37.334	ng	99
87) Indeno(1,2,3-cd)pyrene	16.921	276	475721	37.007	ng	# 91
88) Benzo(b)fluoranthene	15.033	252	576209	42.499	ng	# 97
89) Benzo(k)fluoranthene	15.068	252	540644	43.038	ng	# 96
90) Benzo(a)pyrene	15.398	252	446734	41.068	ng	# 98
91) Dibenzo(a,h)anthracene	16.939	278	405010	37.998	ng	# 95
92) Benzo(g,h,i)perylene	17.362	276	390193	36.908	ng	# 92

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

