

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061522\
 Data File : BF128819.D
 Acq On : 15 Jun 2022 11:22
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/16/2022
 Supervised By :mohammad ahmed 06/22/2022

Quant Time: Jun 15 13:07:51 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 14 14:53:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	86282	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	310966	20.000	ng	# 0.00
39) Acenaphthene-d10	9.828	164	177791	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	339723	20.000	ng	# 0.00
76) Chrysene-d12	13.963	240	244701	20.000	ng	# 0.00
86) Perylene-d12	15.415	264	192393	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	425977	78.639	ng	0.00
7) Phenol-d6	6.445	99	538642	81.461	ng	0.00
23) Nitrobenzene-d5	7.357	82	540372	80.906	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	165889	78.969	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1034886	81.538	ng	0.00
79) Terphenyl-d14	12.904	244	1168832	82.999	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.499	88	73778	36.687	ng	96
3) Pyridine	3.228	79	208171	38.968	ng	95
4) n-Nitrosodimethylamine	3.193	42	124861	33.704	ng	84
6) Aniline	6.451	93	291477	40.873	ng	# 28
8) 2-Chlorophenol	6.581	128	223863	40.388	ng	98
9) Benzaldehyde	6.334	77	166301	41.283	ng	94
10) Phenol	6.457	94	279450	39.981	ng	77
11) bis(2-Chloroethyl)ether	6.522	93	201867	39.414	ng	99
12) 1,3-Dichlorobenzene	6.722	146	258679	40.370	ng	97
13) 1,4-Dichlorobenzene	6.804	146	260886	40.313	ng	98
14) 1,2-Dichlorobenzene	6.957	146	247889	40.948	ng	97
15) Benzyl Alcohol	6.934	79	218417	39.480	ng	92
16) 2,2'-oxybis(1-Chloropr...	7.063	45	308373	36.543	ng	# 42
17) 2-Methylphenol	7.057	107	183807	41.958	ng	# 86
18) Hexachloroethane	7.292	117	98237	40.801	ng	97
19) n-Nitroso-di-n-propyla...	7.204	70	163681	39.813	ng	99
20) 3+4-Methylphenols	7.210	107	241159	41.235	ng	# 83
22) Acetophenone	7.198	105	331780	40.793	ng	98
24) Nitrobenzene	7.375	77	246404	40.185	ng	98
25) Isophorone	7.610	82	397288	39.165	ng	# 96
26) 2-Nitrophenol	7.687	139	115426	42.724	ng	# 87
27) 2,4-Dimethylphenol	7.734	122	171323	41.630	ng	96
28) bis(2-Chloroethoxy)met...	7.822	93	254656	39.712	ng	98
29) 2,4-Dichlorophenol	7.939	162	191558	40.217	ng	98
30) 1,2,4-Trichlorobenzene	8.010	180	216777	40.419	ng	97
31) Naphthalene	8.092	128	648271	40.621	ng	99
32) Benzoic acid	7.881	122	65957m	22.590	ng	
33) 4-Chloroaniline	8.145	127	251324	41.769	ng	99
34) Hexachlorobutadiene	8.204	225	153747	40.422	ng	98
35) Caprolactam	8.522	113	55600m	42.213	ng	
36) 4-Chloro-3-methylphenol	8.645	107	208958	40.198	ng	98
37) 2-Methylnaphthalene	8.781	142	416510	41.032	ng	98
38) 1-Methylnaphthalene	8.881	142	398562	40.639	ng	99
40) 1,2,4,5-Tetrachloroben...	8.951	216	228769	41.431	ng	99
41) Hexachlorocyclopentadiene	8.934	237	118557	35.720	ng	98
43) 2,4,6-Trichlorophenol	9.069	196	136238	36.486	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	143711	37.242	ng	94
46) 1,1'-Biphenyl	9.245	154	539235	40.422	ng	98
47) 2-Chloronaphthalene	9.275	162	415288	40.798	ng	98
48) 2-Nitroaniline	9.375	65	142521	40.944	ng	99
49) Acenaphthylene	9.686	152	630572	40.464	ng	99
50) Dimethylphthalate	9.551	163	495931	40.752	ng	100
51) 2,6-Dinitrotoluene	9.616	165	103526	43.102	ng	# 84
52) Acenaphthene	9.857	154	379140	37.360	ng	100
53) 3-Nitroaniline	9.786	138	114145	43.787	ng	98
54) 2,4-Dinitrophenol	9.904	184	47314	35.366	ng	89
55) Dibenzofuran	10.033	168	581647	39.881	ng	97
56) 4-Nitrophenol	9.980	139	64525	34.147	ng	# 74
57) 2,4-Dinitrotoluene	10.022	165	139516	43.525	ng	# 91
58) Fluorene	10.375	166	468097	41.386	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.157	232	111689	35.042	ng	95
60) Diethylphthalate	10.251	149	492695	40.282	ng	99
61) 4-Chlorophenyl-phenyle...	10.369	204	241997	41.250	ng	97
62) 4-Nitroaniline	10.404	138	114861	43.518	ng	86
63) Azobenzene	10.528	77	480283	39.888	ng	98
65) 4,6-Dinitro-2-methylph...	10.439	198	81105	40.454	ng	88
66) n-Nitrosodiphenylamine	10.486	169	425912	40.789	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	158224	41.764	ng	96
68) Hexachlorobenzene	10.922	284	176016	41.835	ng	99
69) Atrazine	11.016	200	133611	39.790	ng	96
70) Pentachlorophenol	11.127	266	87076	41.460	ng	95
71) Phenanthrene	11.339	178	694030	40.730	ng	99
72) Anthracene	11.392	178	686528	40.705	ng	99
73) Carbazole	11.551	167	642347	41.006	ng	99
74) Di-n-butylphthalate	11.874	149	741303	38.867	ng	100
75) Fluoranthene	12.527	202	744445	41.795	ng	97
77) Benzidine	12.651	184	220709	45.246	ng	99
78) Pyrene	12.757	202	751376	41.272	ng	99
80) Butylbenzylphthalate	13.374	149	307776	40.256	ng	98
81) Benzo(a)anthracene	13.951	228	635044	41.634	ng	98
82) 3,3'-Dichlorobenzidine	13.910	252	147430	45.179	ng	100
83) Chrysene	13.986	228	595024	40.918	ng	99
84) Bis(2-ethylhexyl)phtha...	13.933	149	401248	40.369	ng	100
85) Di-n-octyl phthalate	14.551	149	595693	39.792	ng	98
87) Indeno(1,2,3-cd)pyrene	16.868	276	458652	39.552	ng	# 91
88) Benzo(b)fluoranthene	14.992	252	502214	40.851	ng	# 97
89) Benzo(k)fluoranthene	15.021	252	437389	37.821	ng	# 97
90) Benzo(a)pyrene	15.351	252	376780	38.995	ng	# 97
91) Dibenzo(a,h)anthracene	16.880	278	379886	39.495	ng	# 94
92) Benzo(g,h,i)perylene	17.304	276	379620	39.822	ng	# 91

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

