

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041922\
 Data File : BF127842.D
 Acq On : 19 Apr 2022 15:16
 Operator : CG\JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/20/2022
 Supervised By : Jagrut Upadhyay 04/22/2022

Quant Time: Apr 19 17:12:30 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF041922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 19 16:59:12 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.951	152	114025	20.000	ng	0.00
21) Naphthalene-d8	8.234	136	561825	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	196849	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	329375	20.000	ng	0.00
76) Chrysene-d12	14.139	240	203776	20.000	ng	# 0.00
86) Perylene-d12	15.651	264	194012	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	1002387	137.721	ng	0.00
7) Phenol-d6	6.592	99	1443576	158.824	ng	0.02
23) Nitrobenzene-d5	7.528	82	1645289	135.814	ng	0.01
42) 2,4,6-Tribromophenol	10.798	330	417999	174.314	ng	0.01
45) 2-Fluorobiphenyl	9.316	172	2893049	191.963	ng	0.00
79) Terphenyl-d14	13.080	244	2168128	167.005	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.804	88	256943	76.255	ng	87
3) Pyridine	3.587	79	726435	75.490	ng	85
4) n-Nitrosodimethylamine	3.575	42	390439	75.766	ng	# 91
6) Aniline	6.634	93	858981	81.274	ng	98
8) 2-Chlorophenol	6.745	128	593725	80.402	ng	97
9) Benzaldehyde	6.504	77	340261	65.506	ng	98
10) Phenol	6.604	94	721260	79.120	ng	77
11) bis(2-Chloroethyl)ether	6.698	93	603976	80.588	ng	90
12) 1,3-Dichlorobenzene	6.892	146	754889	85.995	ng	98
13) 1,4-Dichlorobenzene	6.969	146	618253	73.499	ng	97
14) 1,2-Dichlorobenzene	7.128	146	582637	72.800	ng	97
15) Benzyl Alcohol	7.104	79	594192	75.109	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.228	45	772933	71.707	ng	92
17) 2-Methylphenol	7.198	107	453434	73.269	ng	94
18) Hexachloroethane	7.463	117	271792	78.545	ng	98
19) n-Nitroso-di-n-propyla...	7.387	70	477211	76.492	ng	96
20) 3+4-Methylphenols	7.369	107	614260	74.916	ng	# 84
22) Acetophenone	7.375	105	847315	62.788	ng	# 87
24) Nitrobenzene	7.545	77	766416	67.908	ng	96
25) Isophorone	7.786	82	1641865	80.551	ng	97
26) 2-Nitrophenol	7.851	139	399670	81.142	ng	96
27) 2,4-Dimethylphenol	7.886	122	611297	78.564	ng	91
28) bis(2-Chloroethoxy)met...	7.986	93	746742	61.385	ng	98
29) 2,4-Dichlorophenol	8.098	162	677148	74.217	ng	93
30) 1,2,4-Trichlorobenzene	8.175	180	785893	73.014	ng	95
31) Naphthalene	8.263	128	2136023	73.408	ng	98
32) Benzoic acid	8.057	122	451794m	81.381	ng	
33) 4-Chloroaniline	8.310	127	844448	73.118	ng	98
34) Hexachlorobutadiene	8.369	225	558687	70.146	ng	98
35) Caprolactam	8.728	113	217375m	75.858	ng	
36) 4-Chloro-3-methylphenol	8.792	107	823231	77.063	ng	97
37) 2-Methylnaphthalene	8.951	142	1308720	62.427	ng	99
38) 1-Methylnaphthalene	9.051	142	1401218	69.096	ng	99
40) 1,2,4,5-Tetrachloroben...	9.116	216	717028	100.617	ng	98
41) Hexachlorocyclopentadiene	9.098	237	443585	102.153	ng	97
43) 2,4,6-Trichlorophenol	9.228	196	503717	105.624	ng	99

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44) 2,4,5-Trichlorophenol	9.275	196	555368	110.019	ng	98
46) 1,1'-Biphenyl	9.422	154	1396712	88.418	ng	98
47) 2-Chloronaphthalene	9.445	162	1283460	100.641	ng	98
48) 2-Nitroaniline	9.539	65	462601	104.581	ng	99
49) Acenaphthylene	9.863	152	1419764	77.772	ng	99
50) Dimethylphthalate	9.728	163	1166093	78.927	ng	99
51) 2,6-Dinitrotoluene	9.786	165	230777	78.497	ng	87
52) Acenaphthene	10.033	154	993733m	84.664	ng	
53) 3-Nitroaniline	9.963	138	231032	76.191	ng	95
54) 2,4-Dinitrophenol	10.063	184	154773	93.817	ng	# 79
55) Dibenzofuran	10.210	168	1331971	81.236	ng	94
56) 4-Nitrophenol	10.116	139	179324	80.043	ng	# 81
57) 2,4-Dinitrotoluene	10.192	165	302594	82.198	ng	95
58) Fluorene	10.551	166	1043168	83.391	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.322	232	326390m	83.736	ng	
60) Diethylphthalate	10.422	149	1104397	81.758	ng	98
61) 4-Chlorophenyl-phenyle...	10.539	204	582072	83.843	ng	98
62) 4-Nitroaniline	10.592	138	220012	81.295	ng	# 73
63) Azobenzene	10.704	77	1167782	82.486	ng	97
69) Atrazine	11.186	200	277025	79.994	ng	95
70) Pentachlorophenol	11.286	266	238059	92.442	ng	98
71) Phenanthrene	11.516	178	1430990	81.279	ng	99
72) Anthracene	11.569	178	1411535	79.355	ng	98
73) Carbazole	11.722	167	1257726	77.679	ng	97
74) Di-n-butylphthalate	12.039	149	1572240	80.465	ng	# 99
75) Fluoranthene	12.704	202	1452084	73.609	ng	100
77) Benzidine	12.821	184	385271	73.274	ng	100
78) Pyrene	12.939	202	1418961	82.261	ng	99
80) Butylbenzylphthalate	13.545	149	537216	79.663	ng	96
81) Benzo(a)anthracene	14.127	228	1147308	82.423	ng	98
82) 3,3'-Dichlorobenzidine	14.086	252	331366	75.380	ng	97
83) Chrysene	14.168	228	1066683	82.184	ng	100
84) Bis(2-ethylhexyl)phtha...	14.098	149	741742	84.266	ng	96
85) Di-n-octyl phthalate	14.721	149	1127466	85.040	ng	94
87) Indeno(1,2,3-cd)pyrene	17.221	276	1215805	95.644	ng	96
88) Benzo(b)fluoranthene	15.204	252	1059888m	84.997	ng	
89) Benzo(k)fluoranthene	15.239	252	914939	74.069	ng	98
90) Benzo(a)pyrene	15.592	252	836169	81.435	ng	99
91) Dibenzo(a,h)anthracene	17.251	278	998757	96.156	ng	# 95
92) Benzo(g,h,i)perylene	17.709	276	1093266	103.641	ng	97

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

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