

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042222\
 Data File : BF127864.D
 Acq On : 22 Apr 2022 21:29
 Operator : CG\JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/25/2022
 Supervised By : Jagrut Upadhyay 04/25/2022

Quant Time: Apr 23 23:36:14 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 23 23:32:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.945	152	172938	20.000	ng	0.00
21) Naphthalene-d8	8.228	136	594097	20.000	ng	0.00
39) Acenaphthene-d10	9.986	164	322388	20.000	ng	0.00
64) Phenanthrene-d10	11.480	188	557683	20.000	ng	0.00
76) Chrysene-d12	14.127	240	330403	20.000	ng	# 0.00
86) Perylene-d12	15.633	264	307054	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	1474730	133.594	ng	0.00
7) Phenol-d6	6.581	99	1934098	140.303	ng	0.01
23) Nitrobenzene-d5	7.522	82	1915233	149.510	ng	0.01
42) 2,4,6-Tribromophenol	10.786	330	468113	119.196	ng	0.00
45) 2-Fluorobiphenyl	9.310	172	2592203	105.023	ng	0.00
79) Terphenyl-d14	13.069	244	2638079	125.326	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.781	88	388480	76.017	ng	99
3) Pyridine	3.563	79	1036202	70.998	ng	100
4) n-Nitrosodimethylamine	3.546	42	501028	64.105	ng	98
6) Aniline	6.622	93	1242472	77.511	ng	98
8) 2-Chlorophenol	6.740	128	759667	67.829	ng	98
10) Phenol	6.598	94	976853m	70.654	ng	
11) bis(2-Chloroethyl)ether	6.687	93	824243	72.513	ng	96
12) 1,3-Dichlorobenzene	6.887	146	871815m	65.482	ng	
13) 1,4-Dichlorobenzene	6.963	146	870997	68.272	ng	98
14) 1,2-Dichlorobenzene	7.122	146	755952	62.278	ng	99
15) Benzyl Alcohol	7.092	79	706078	58.848	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.222	45	1255847	76.818	ng	99
17) 2-Methylphenol	7.192	107	725642	77.310	ng	97
18) Hexachloroethane	7.457	117	337362	64.282	ng	95
19) n-Nitroso-di-n-propyla...	7.375	70	598583	63.262	ng	98
20) 3+4-Methylphenols	7.357	107	756714	60.850	ng	96
22) Acetophenone	7.363	105	1010212	70.793	ng	# 91
24) Nitrobenzene	7.540	77	910757	76.313	ng	100
25) Isophorone	7.775	82	1666806	77.333	ng	100
26) 2-Nitrophenol	7.845	139	422301	81.079	ng	98
27) 2,4-Dimethylphenol	7.881	122	659033	80.098	ng	98
28) bis(2-Chloroethoxy)met...	7.981	93	988990	76.882	ng	98
29) 2,4-Dichlorophenol	8.087	162	670135	69.459	ng	98
30) 1,2,4-Trichlorobenzene	8.169	180	728505	64.006	ng	99
31) Naphthalene	8.257	128	2088025	67.861	ng	99
32) Benzoic acid	8.034	122	579453	98.431	ng	96
33) 4-Chloroaniline	8.304	127	868385	71.106	ng	97
34) Hexachlorobutadiene	8.363	225	468845	55.668	ng	98
35) Caprolactam	8.704	113	229952m	75.887	ng	
36) 4-Chloro-3-methylphenol	8.786	107	728468	64.488	ng	96
37) 2-Methylnaphthalene	8.945	142	1368233	61.720	ng	99
38) 1-Methylnaphthalene	9.045	142	1326959	61.880	ng	100
40) 1,2,4,5-Tetrachloroben...	9.110	216	648753	55.586	ng	98
41) Hexachlorocyclopentadiene	9.092	237	424613	59.707	ng	99
43) 2,4,6-Trichlorophenol	9.222	196	472074	60.442	ng	98
44) 2,4,5-Trichlorophenol	9.263	196	501290	60.636	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.410	154	1629623	62.990	ng	99
47) 2-Chloronaphthalene	9.439	162	1275708	61.080	ng	98
48) 2-Nitroaniline	9.533	65	494050	68.198	ng	97
49) Acenaphthylene	9.857	152	1891105	63.253	ng	100
50) Dimethylphthalate	9.716	163	1612688	66.649	ng	99
51) 2,6-Dinitrotoluene	9.781	165	354576	73.642	ng	95
52) Acenaphthene	10.028	154	1336655m	69.531	ng	
53) 3-Nitroaniline	9.951	138	400701	80.687	ng	99
54) 2,4-Dinitrophenol	10.051	184	222566	82.376	ng	# 84
55) Dibenzofuran	10.198	168	1801729	67.096	ng	97
56) 4-Nitrophenol	10.104	139	316847	86.355	ng	96
57) 2,4-Dinitrotoluene	10.181	165	466248	77.335	ng	# 83
58) Fluorene	10.545	166	1324540	64.652	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.310	232	418588	65.553	ng	98
60) Diethylphthalate	10.410	149	1503385	67.956	ng	100
61) 4-Chlorophenyl-phenyle...	10.528	204	661278	58.161	ng	95
62) 4-Nitroaniline	10.575	138	389215	87.813	ng	96
63) Azobenzene	10.692	77	1668675	71.969	ng	98
65) 4,6-Dinitro-2-methylph...	10.592	198	291116	81.692	ng	93
66) n-Nitrosodiphenylamine	10.657	169	1237807	67.950	ng	99
67) 4-Bromophenyl-phenylether	11.022	248	447566	59.217	ng	99
68) Hexachlorobenzene	11.086	284	469097	57.917	ng	99
69) Atrazine	11.180	200	378160	64.493	ng	97
70) Pentachlorophenol	11.280	266	316279	72.537	ng	98
71) Phenanthrene	11.510	178	1983793	66.549	ng	99
72) Anthracene	11.563	178	1966478	65.294	ng	98
73) Carbazole	11.716	167	1894445	69.104	ng	99
74) Di-n-butylphthalate	12.033	149	2191412	66.239	ng	99
75) Fluoranthene	12.698	202	2061567	61.722	ng	99
78) Pyrene	12.927	202	2090570	74.748	ng	99
80) Butylbenzylphthalate	13.539	149	872369	79.784	ng	98
81) Benzo(a)anthracene	14.116	228	1677966	74.346	ng	97
82) 3,3'-Dichlorobenzidine	14.080	252	522126	73.255	ng	98
83) Chrysene	14.157	228	1583029	75.223	ng	99
84) Bis(2-ethylhexyl)phtha...	14.092	149	1086247	76.110	ng	99
85) Di-n-octyl phthalate	14.710	149	1737103	80.808	ng	99
87) Indeno(1,2,3-cd)pyrene	17.198	276	1827185	90.822	ng	99
88) Benzo(b)fluoranthene	15.192	252	1411967	70.090	ng	99
89) Benzo(k)fluoranthene	15.227	252	1388379	71.017	ng	99
90) Benzo(a)pyrene	15.574	252	1210426	74.485	ng	99
91) Dibenzo(a,h)anthracene	17.221	278	1420311	86.400	ng	98
92) Benzo(g,h,i)perylene	17.680	276	1593524	95.451	ng	99

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

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