

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051823\
 Data File : BF133443.D
 Acq On : 18 May 2023 17:40
 Operator : CG\JU
 Sample : 02828-04MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-4MSD

Quant Time: May 19 03:20:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 18:12:00 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian
 Giraldo
 05/19/2023
 Supervised By :Jagrut
 Upadhyay
 05/19/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.710	152	178164	20.000	ng	0.00
21) Naphthalene-d8	7.998	136	728795	20.000	ng	0.00
39) Acenaphthene-d10	9.751	164	373887	20.000	ng	0.00
64) Phenanthrene-d10	11.233	188	677010	20.000	ng	0.00
76) Chrysene-d12	13.874	240	394604	20.000	ng	0.00
86) Perylene-d12	15.292	264	426321	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	1322247	112.110	ng	0.00
7) Phenol-d6	6.363	99	1595279	108.974	ng	0.00
23) Nitrobenzene-d5	7.281	82	982561	72.772	ng	0.00
42) 2,4,6-Tribromophenol	10.545	330	413604	109.997	ng	0.00
45) 2-Fluorobiphenyl	9.075	172	1754763	78.519	ng	0.00
79) Terphenyl-d14	12.821	244	1969763	86.091	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.393	88	227575	41.600	ng	95
3) Pyridine	3.087	79	607729	41.826	ng	95
4) n-Nitrosodimethylamine	3.051	42	312745	41.556	ng	93
6) Aniline	6.375	93	639586	33.922	ng	# 30
8) 2-Chlorophenol	6.504	128	628339	52.471	ng	94
9) Benzaldehyde	6.257	77	388946	81.817	ng	98
10) Phenol	6.381	94	735711	45.556	ng	80
11) bis(2-Chloroethyl)ether	6.451	93	591096	48.775	ng	96
12) 1,3-Dichlorobenzene	6.651	146	674007	52.940	ng	98
13) 1,4-Dichlorobenzene	6.734	146	671988	52.665	ng	97
14) 1,2-Dichlorobenzene	6.881	146	645638	54.884	ng	98
15) Benzyl Alcohol	6.863	79	505009	49.941	ng	99
16) 2,2'-oxybis(1-Chloropr...	6.998	45	918856	43.654	ng	87
17) 2-Methylphenol	6.986	107	515914	47.050	ng	94
18) Hexachloroethane	7.222	117	237453	53.527	ng	95
19) n-Nitroso-di-n-propyla...	7.133	70	400880	43.987	ng	98
20) 3+4-Methylphenols	7.139	107	638868	49.474	ng	# 65
22) Acetophenone	7.128	105	851341	50.428	ng	# 92
24) Nitrobenzene	7.298	77	624467	45.642	ng	97
25) Isophorone	7.539	82	1161843	45.321	ng	98
26) 2-Nitrophenol	7.616	139	354040	53.649	ng	96
27) 2,4-Dimethylphenol	7.663	122	555692	49.108	ng	98
28) bis(2-Chloroethoxy)met...	7.751	93	712720	46.995	ng	98
29) 2,4-Dichlorophenol	7.863	162	518338	50.318	ng	100
30) 1,2,4-Trichlorobenzene	7.945	180	538483	50.457	ng	97
31) Naphthalene	8.022	128	1740632	47.770	ng	100
32) Benzoic acid	7.798	122	311320	44.540	ng	99
33) 4-Chloroaniline	8.075	127	277798	18.869	ng	99
34) Hexachlorobutadiene	8.139	225	291454	49.274	ng	97
35) Caprolactam	8.451	113	184249m	53.242	ng	
36) 4-Chloro-3-methylphenol	8.569	107	545624	49.117	ng	98
37) 2-Methylnaphthalene	8.710	142	1158313	46.497	ng	99
38) 1-Methylnaphthalene	8.810	142	1070752	45.947	ng	100
40) 1,2,4,5-Tetrachloroben...	8.880	216	489546	48.698	ng	99
41) Hexachlorocyclopentadiene	8.869	237	519858	88.670	ng	99
43) 2,4,6-Trichlorophenol	8.998	196	337017	48.476	ng	100

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44) 2,4,5-Trichlorophenol	9.039	196	366799	45.620	ng	98
46) 1,1'-Biphenyl	9.175	154	1442878	48.668	ng	99
47) 2-Chloronaphthalene	9.198	162	1066963	49.169	ng	98
48) 2-Nitroaniline	9.298	65	335424	46.770	ng	94
49) Acenaphthylene	9.616	152	1644041	47.415	ng	99
50) Dimethylphthalate	9.480	163	1292046	49.560	ng	99
51) 2,6-Dinitrotoluene	9.545	165	297718	50.738	ng	# 82
52) Acenaphthene	9.786	154	1207075m	51.978	ng	
53) 3-Nitroaniline	9.710	138	183100	26.244	ng	97
54) 2,4-Dinitrophenol	9.827	184	310666	105.331	ng	89
55) Dibenzofuran	9.957	168	1467640	46.330	ng	97
56) 4-Nitrophenol	9.892	139	444773	82.308	ng	97
57) 2,4-Dinitrotoluene	9.951	165	373074	49.856	ng	93
58) Fluorene	10.304	166	1122034	48.346	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.080	232	293855	47.142	ng	100
60) Diethylphthalate	10.180	149	1207782	49.047	ng	99
61) 4-Chlorophenyl-phenyle...	10.292	204	545601	48.241	ng	98
62) 4-Nitroaniline	10.327	138	332086	51.788	ng	98
63) Azobenzene	10.451	77	1218782	46.721	ng	98
65) 4,6-Dinitro-2-methylph...	10.363	198	227651	55.477	ng	98
66) n-Nitrosodiphenylamine	10.416	169	1024445	46.649	ng	99
67) 4-Bromophenyl-phenylether	10.780	248	349148	47.551	ng	96
68) Hexachlorobenzene	10.851	284	371045	49.316	ng	99
69) Atrazine	10.945	200	359784	56.858	ng	99
70) Pentachlorophenol	11.051	266	365788	68.264	ng	98
71) Phenanthrene	11.263	178	1710394	47.005	ng	100
72) Anthracene	11.310	178	1763240	47.350	ng	100
73) Carbazole	11.469	167	1594493	48.088	ng	99
74) Di-n-butylphthalate	11.798	149	1941834	51.750	ng	100
75) Fluoranthene	12.445	202	1694184	46.392	ng	99
77) Benzidine	12.568	184	817808	122.555	ng	# 93
78) Pyrene	12.674	202	1723750	50.958	ng	98
80) Butylbenzylphthalate	13.298	149	729812	60.934	ng	98
81) Benzo(a)anthracene	13.862	228	1272845	46.907	ng	99
82) 3,3'-Dichlorobenzidine	13.827	252	213496	28.480	ng	98
83) Chrysene	13.898	228	1270532	46.833	ng	99
84) Bis(2-ethylhexyl)phtha...	13.857	149	880419	58.564	ng	99
85) Di-n-octyl phthalate	14.468	149	1460525	59.582	ng	96
87) Indeno(1,2,3-cd)pyrene	16.680	276	1587181	65.451	ng	99
88) Benzo(b)fluoranthene	14.886	252	1285338	47.391	ng	98
89) Benzo(k)fluoranthene	14.915	252	1149579	42.758	ng	98
90) Benzo(a)pyrene	15.233	252	1130879	45.809	ng	99
91) Dibenzo(a,h)anthracene	16.692	278	1300597	64.304	ng	98
92) Benzo(g,h,i)perylene	17.098	276	1329118	66.563	ng	98

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

