

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091823\
 Data File : BF135301.D
 Acq On : 18 Sep 2023 12:16
 Operator : CG\JU
 Sample : PB155010BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155010BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/19/2023
 Supervised By :mohammad ahmed 09/19/2023

Quant Time: Sep 18 12:42:52 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 00:19:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	122922	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	473119	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	243560	20.000	ng	0.00
64) Phenanthrene-d10	11.292	188	484234	20.000	ng	0.00
76) Chrysene-d12	13.951	240	230095	20.000	ng	# 0.00
86) Perylene-d12	15.410	264	214277	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	948107	125.449	ng	0.02
7) Phenol-d6	6.410	99	1201823	125.059	ng	0.00
23) Nitrobenzene-d5	7.328	82	783226	89.940	ng	0.00
42) 2,4,6-Tribromophenol	10.598	330	327369	135.254	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1404496	87.001	ng	0.00
79) Terphenyl-d14	12.886	244	1483786	99.965	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.563	88	119832	36.169	ng	99
3) Pyridine	3.316	79	317990	35.661	ng	93
4) n-Nitrosodimethylamine	3.275	42	218648	46.208	ng	93
6) Aniline	6.428	93	359015	28.489	ng	# 43
8) 2-Chlorophenol	6.545	128	382672	47.431	ng	100
9) Benzaldehyde	6.316	77	136224	24.883	ng	97
10) Phenol	6.422	94	436350	41.408	ng	80
11) bis(2-Chloroethyl)ether	6.504	93	349935	44.270	ng	99
12) 1,3-Dichlorobenzene	6.698	146	369068	45.012	ng	99
13) 1,4-Dichlorobenzene	6.775	146	376770	45.166	ng	99
14) 1,2-Dichlorobenzene	6.928	146	355960	45.949	ng	98
15) Benzyl Alcohol	6.910	79	324311	47.028	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.040	45	664972	44.631	ng	96
17) 2-Methylphenol	7.022	107	299416	42.055	ng	95
18) Hexachloroethane	7.263	117	143156	46.445	ng	92
19) n-Nitroso-di-n-propyla...	7.181	70	249379	41.895	ng	95
20) 3+4-Methylphenols	7.181	107	355937	41.576	ng	# 82
22) Acetophenone	7.175	105	496194	45.873	ng	98
24) Nitrobenzene	7.345	77	393219	45.684	ng	99
25) Isophorone	7.587	82	727392	45.488	ng	100
26) 2-Nitrophenol	7.663	139	202378	48.989	ng	93
27) 2,4-Dimethylphenol	7.704	122	332026	47.816	ng	99
28) bis(2-Chloroethoxy)met...	7.792	93	448816	46.893	ng	99
29) 2,4-Dichlorophenol	7.904	162	303648	47.193	ng	98
30) 1,2,4-Trichlorobenzene	7.981	180	319720	47.540	ng	99
31) Naphthalene	8.063	128	1044065	45.419	ng	99
32) Benzoic acid	7.845	122	261517	50.015	ng	97
33) 4-Chloroaniline	8.116	127	214924	21.310	ng	98
34) Hexachlorobutadiene	8.175	225	188317	46.439	ng	98
35) Caprolactam	8.498	113	105767m	48.979	ng	
36) 4-Chloro-3-methylphenol	8.610	107	344091	48.117	ng	99
37) 2-Methylnaphthalene	8.757	142	681884	44.129	ng	100
38) 1-Methylnaphthalene	8.851	142	630872	43.608	ng	98
40) 1,2,4,5-Tetrachloroben...	8.922	216	328980	46.623	ng	99
41) Hexachlorocyclopentadiene	8.904	237	258031	82.715	ng	99
43) 2,4,6-Trichlorophenol	9.039	196	218299	47.251	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.086	196	231971	43.600	ng	99
46) 1,1'-Biphenyl	9.222	154	852051	45.522	ng	98
47) 2-Chloronaphthalene	9.245	162	637265	46.925	ng	98
48) 2-Nitroaniline	9.351	65	249670	47.322	ng	98
49) Acenaphthylene	9.663	152	1017178	45.068	ng	100
50) Dimethylphthalate	9.528	163	776186	47.135	ng	100
51) 2,6-Dinitrotoluene	9.592	165	170959	47.391	ng	99
52) Acenaphthene	9.833	154	612955	45.973	ng	97
53) 3-Nitroaniline	9.763	138	135615	32.026	ng	96
54) 2,4-Dinitrophenol	9.880	184	191650	92.523	ng	96
55) Dibenzofuran	10.010	168	888534	43.672	ng	98
56) 4-Nitrophenol	9.945	139	245951	91.390	ng	98
57) 2,4-Dinitrotoluene	10.004	165	207417	45.928	ng	89
58) Fluorene	10.351	166	716579	45.814	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.128	232	197450	48.245	ng	99
60) Diethylphthalate	10.233	149	780473	47.226	ng	100
61) 4-Chlorophenyl-phenyle...	10.345	204	342392	45.570	ng	93
62) 4-Nitroaniline	10.386	138	194779	47.853	ng	99
63) Azobenzene	10.504	77	753533	46.589	ng	97
65) 4,6-Dinitro-2-methylph...	10.416	198	131626	51.178	ng	97
66) n-Nitrosodiphenylamine	10.469	169	671568	45.809	ng	100
67) 4-Bromophenyl-phenylether	10.833	248	224595	46.635	ng	95
68) Hexachlorobenzene	10.898	284	240726	49.063	ng	# 91
69) Atrazine	11.004	200	222148	56.317	ng	99
70) Pentachlorophenol	11.098	266	244258	83.207	ng	98
71) Phenanthrene	11.316	178	1062585	46.397	ng	99
72) Anthracene	11.369	178	1082919	46.001	ng	100
73) Carbazole	11.527	167	1028220	47.981	ng	99
74) Di-n-butylphthalate	11.863	149	1221241	48.363	ng	100
75) Fluoranthene	12.510	202	1132921	47.474	ng	99
77) Benzidine	12.633	184	289330	61.378	ng	100
78) Pyrene	12.739	202	1136163	51.863	ng	100
80) Butylbenzylphthalate	13.368	149	428676	55.578	ng	98
81) Benzo(a)anthracene	13.939	228	700501	47.147	ng	99
82) 3,3'-Dichlorobenzidine	13.898	252	152392	32.837	ng	# 97
83) Chrysene	13.974	228	681779	46.153	ng	99
84) Bis(2-ethylhexyl)phtha...	13.927	149	464410	58.675	ng	100
85) Di-n-octyl phthalate	14.545	149	660918	52.544	ng	100
87) Indeno(1,2,3-cd)pyrene	16.898	276	727590	51.788	ng	98
88) Benzo(b)fluoranthene	14.986	252	564738	48.686	ng	99
89) Benzo(k)fluoranthene	15.015	252	559920	48.866	ng	98
90) Benzo(a)pyrene	15.351	252	517185	46.754	ng	99
91) Dibenzo(a,h)anthracene	16.915	278	589458	51.277	ng	97
92) Benzo(g,h,i)perylene	17.345	276	614179	51.158	ng	98

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

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