

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112923\
 Data File : BF136286.D
 Acq On : 29 Nov 2023 16:32
 Operator : CG\JU
 Sample : PB157073BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157073BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/30/2023
 Supervised By :mohammad ahmed 12/01/2023

Quant Time: Nov 29 23:47:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 28 03:04:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	134766	20.000	ng	0.00
21) Naphthalene-d8	8.087	136	559821	20.000	ng	0.00
39) Acenaphthene-d10	9.845	164	284627	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	529275	20.000	ng	0.00
76) Chrysene-d12	13.986	240	249380	20.000	ng	0.00
86) Perylene-d12	15.468	264	254633	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	772284	79.761	ng	0.00
7) Phenol-d6	6.446	99	947583	78.269	ng	0.00
23) Nitrobenzene-d5	7.369	82	899572	84.913	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	299233	85.991	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	1894669	85.026	ng	0.00
79) Terphenyl-d14	12.933	244	2013063	93.113	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.681	88	123764	33.782	ng	98
3) Pyridine	3.428	79	305355	33.764	ng	99
4) n-Nitrosodimethylamine	3.399	42	171215	37.453	ng	96
6) Aniline	6.469	93	403278	35.242	ng	97
8) 2-Chlorophenol	6.593	128	451428	42.819	ng	93
9) Benzaldehyde	6.357	77	58200	8.625	ng	96
10) Phenol	6.457	94	543618	41.854	ng	96
11) bis(2-Chloroethyl)ether	6.545	93	403700	42.368	ng	96
12) 1,3-Dichlorobenzene	6.745	146	472774	39.515	ng	99
13) 1,4-Dichlorobenzene	6.822	146	480613	39.515	ng	98
14) 1,2-Dichlorobenzene	6.975	146	455397	39.550	ng	97
15) Benzyl Alcohol	6.951	79	345633	40.719	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.081	45	544788	41.162	ng	98
17) 2-Methylphenol	7.063	107	356733	43.040	ng	98
18) Hexachloroethane	7.316	117	168395	39.472	ng	92
19) n-Nitroso-di-n-propyla...	7.222	70	305305	42.164	ng	96
20) 3+4-Methylphenols	7.216	107	440626	40.905	ng	98
22) Acetophenone	7.216	105	639105	43.468	ng	# 96
24) Nitrobenzene	7.387	77	447366	41.670	ng	98
25) Isophorone	7.628	82	828704	43.382	ng	97
26) 2-Nitrophenol	7.698	139	221387	48.399	ng	98
27) 2,4-Dimethylphenol	7.740	122	326035	54.153	ng	99
28) bis(2-Chloroethoxy)met...	7.840	93	509611	44.104	ng	99
29) 2,4-Dichlorophenol	7.940	162	372051	45.814	ng	96
30) 1,2,4-Trichlorobenzene	8.028	180	413676	41.607	ng	98
31) Naphthalene	8.104	128	1343978	42.712	ng	98
32) Benzoic acid	7.875	122	268126	48.865	ng	99
33) 4-Chloroaniline	8.151	127	205270	19.192	ng	95
34) Hexachlorobutadiene	8.222	225	232902	40.040	ng	99
35) Caprolactam	8.534	113	109427m	48.202	ng	
36) 4-Chloro-3-methylphenol	8.639	107	390930	44.386	ng	97
37) 2-Methylnaphthalene	8.798	142	834871	42.297	ng	98
38) 1-Methylnaphthalene	8.898	142	808286	41.977	ng	97
40) 1,2,4,5-Tetrachloroben...	8.963	216	407006	44.932	ng	98
41) Hexachlorocyclopentadiene	8.951	237	470201	134.903	ng	95
43) 2,4,6-Trichlorophenol	9.075	196	261928	44.550	ng	97

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44) 2,4,5-Trichlorophenol	9.122	196	288222	44.921	ng	99
46) 1,1'-Biphenyl	9.263	154	1127116	44.905	ng	97
47) 2-Chloronaphthalene	9.287	162	845725	43.388	ng	99
48) 2-Nitroaniline	9.386	65	233244	45.832	ng	90
49) Acenaphthylene	9.704	152	1340953	48.207	ng	99
50) Dimethylphthalate	9.569	163	990500	46.043	ng	100
51) 2,6-Dinitrotoluene	9.634	165	202628	46.105	ng	89
52) Acenaphthene	9.881	154	770993	43.860	ng	99
53) 3-Nitroaniline	9.798	138	130787	29.992	ng	98
54) 2,4-Dinitrophenol	9.910	184	214725	105.052	ng	94
55) Dibenzofuran	10.051	168	1175293	44.931	ng	100
56) 4-Nitrophenol	9.969	139	305873	92.353	ng	89
57) 2,4-Dinitrotoluene	10.039	165	274896	46.826	ng	100
58) Fluorene	10.398	166	919143	44.797	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.169	232	240800	47.169	ng	98
60) Diethylphthalate	10.275	149	958208	44.528	ng	100
61) 4-Chlorophenyl-phenyle...	10.386	204	434422	43.599	ng	97
62) 4-Nitroaniline	10.422	138	192245	45.038	ng	93
63) Azobenzene	10.551	77	876635	43.941	ng	95
65) 4,6-Dinitro-2-methylph...	10.445	198	136114	47.028	ng	90
66) n-Nitrosodiphenylamine	10.510	169	797328	47.008	ng	99
67) 4-Bromophenyl-phenylether	10.881	248	273403	44.277	ng	94
68) Hexachlorobenzene	10.939	284	313939	43.929	ng	# 89
69) Atrazine	11.045	200	265449	52.757	ng	99
70) Pentachlorophenol	11.139	266	346960	85.889	ng	99
71) Phenanthrene	11.363	178	1379891	46.387	ng	99
72) Anthracene	11.416	178	1416568	47.485	ng	100
73) Carbazole	11.569	167	1131039	44.578	ng	99
74) Di-n-butylphthalate	11.904	149	1496731	47.147	ng	100
75) Fluoranthene	12.551	202	1308049	43.314	ng	96
77) Benzidine	12.675	184	220442	53.775	ng	99
78) Pyrene	12.780	202	1286511	47.105	ng	98
80) Butylbenzylphthalate	13.410	149	413045	48.594	ng	98
81) Benzo(a)anthracene	13.974	228	833627	45.005	ng	99
82) 3,3'-Dichlorobenzidine	13.939	252	175871	39.444	ng	98
83) Chrysene	14.016	228	814199	45.525	ng	99
84) Bis(2-ethylhexyl)phtha...	13.974	149	487778	47.816	ng	98
85) Di-n-octyl phthalate	14.592	149	798355	48.167	ng	# 99
87) Indeno(1,2,3-cd)pyrene	16.974	276	842893	44.492	ng	100
88) Benzo(b)fluoranthene	15.033	252	742682	41.573	ng	99
89) Benzo(k)fluoranthene	15.063	252	732332	43.162	ng	98
90) Benzo(a)pyrene	15.404	252	659545	45.162	ng	99
91) Dibenzo(a,h)anthracene	17.004	278	690971	45.388	ng	97
92) Benzo(g,h,i)perylene	17.433	276	647096	42.443	ng	100

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

