

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF113023\
 Data File : BF136309.D
 Acq On : 30 Nov 2023 12:39
 Operator : CG\JU
 Sample : PB157208BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157208BSD

Manual Integrations
 APPROVED

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

Quant Time: Nov 30 12:58:19 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	149665	20.000	ng	0.00
21) Naphthalene-d8	8.087	136	667172	20.000	ng	0.00
39) Acenaphthene-d10	9.845	164	343836	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	637253	20.000	ng	0.00
76) Chrysene-d12	13.992	240	289634	20.000	ng	0.00
86) Perylene-d12	15.468	264	269593	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	1237941	115.126	ng	0.02
7) Phenol-d6	6.451	99	1533373	114.047	ng	0.00
23) Nitrobenzene-d5	7.369	82	937884	74.285	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	503637	119.809	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	1963132	72.928	ng	0.00
79) Terphenyl-d14	12.933	244	2022669	80.554	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.699	88	125878	30.939	ng	97
3) Pyridine	3.446	79	316640	31.527	ng	100
4) n-Nitrosodimethylamine	3.416	42	183557	36.156	ng	88
6) Aniline	6.475	93	404940	31.865	ng	94
8) 2-Chlorophenol	6.593	128	482652	41.223	ng	95
9) Benzaldehyde	6.357	77	23486	3.134	ng	94
10) Phenol	6.463	94	578375	40.097	ng	98
11) bis(2-Chloroethyl)ether	6.551	93	431012	40.731	ng	94
12) 1,3-Dichlorobenzene	6.745	146	495691	37.306	ng	98
13) 1,4-Dichlorobenzene	6.822	146	508950	37.679	ng	97
14) 1,2-Dichlorobenzene	6.975	146	483638	37.821	ng	98
15) Benzyl Alcohol	6.951	79	386674	41.019	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.081	45	582951	39.661	ng	98
17) 2-Methylphenol	7.063	107	382470	41.551	ng	100
18) Hexachloroethane	7.316	117	178199	37.612	ng	94
19) n-Nitroso-di-n-propyla...	7.228	70	321649	39.999	ng	95
20) 3+4-Methylphenols	7.216	107	479111	40.050	ng	91
22) Acetophenone	7.216	105	674962	38.521	ng	# 98
24) Nitrobenzene	7.387	77	474603	37.094	ng	98
25) Isophorone	7.628	82	896120	39.363	ng	97
26) 2-Nitrophenol	7.704	139	242503	44.485	ng	94
27) 2,4-Dimethylphenol	7.745	122	381752	53.204	ng	96
28) bis(2-Chloroethoxy)met...	7.840	93	545028	39.580	ng	99
29) 2,4-Dichlorophenol	7.945	162	402420	41.581	ng	99
30) 1,2,4-Trichlorobenzene	8.028	180	447234	37.744	ng	99
31) Naphthalene	8.110	128	1443090	38.482	ng	99
32) Benzoic acid	7.881	122	296991	45.416	ng	97
33) 4-Chloroaniline	8.157	127	313834	24.620	ng	97
34) Hexachlorobutadiene	8.222	225	250197	36.092	ng	99
35) Caprolactam	8.539	113	116697m	43.133	ng	
36) 4-Chloro-3-methylphenol	8.645	107	432196	41.175	ng	97
37) 2-Methylnaphthalene	8.798	142	911434	38.746	ng	100
38) 1-Methylnaphthalene	8.898	142	867075	37.785	ng	96
40) 1,2,4,5-Tetrachloroben...	8.963	216	433192	39.588	ng	98
41) Hexachlorocyclopentadiene	8.951	237	432133	102.631	ng	97
43) 2,4,6-Trichlorophenol	9.081	196	294462	41.459	ng	93

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44) 2,4,5-Trichlorophenol	9.128	196	309551	39.937	ng	99
46) 1,1'-Biphenyl	9.269	154	1193138	39.350	ng	99
47) 2-Chloronaphthalene	9.292	162	905434	38.452	ng	98
48) 2-Nitroaniline	9.386	65	259119	42.149	ng	94
49) Acenaphthylene	9.704	152	1409174	41.936	ng	100
50) Dimethylphthalate	9.575	163	1055778	40.626	ng	99
51) 2,6-Dinitrotoluene	9.633	165	217553	40.977	ng	98
52) Acenaphthene	9.881	154	839908	39.552	ng	99
53) 3-Nitroaniline	9.804	138	176787	33.559	ng	90
54) 2,4-Dinitrophenol	9.910	184	235796	95.495	ng	97
55) Dibenzofuran	10.051	168	1260516	39.891	ng	99
56) 4-Nitrophenol	9.969	139	333779	83.425	ng	93
57) 2,4-Dinitrotoluene	10.039	165	298579	42.102	ng	93
58) Fluorene	10.398	166	968316	39.067	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.169	232	262055	42.493	ng	98
60) Diethylphthalate	10.275	149	1039162	39.974	ng	100
61) 4-Chlorophenyl-phenyle...	10.386	204	466413	38.749	ng	94
62) 4-Nitroaniline	10.422	138	200431	38.870	ng	96
63) Azobenzene	10.551	77	946520	39.274	ng	97
65) 4,6-Dinitro-2-methylph...	10.451	198	153367	44.010	ng	81
66) n-Nitrosodiphenylamine	10.510	169	858078	42.018	ng	99
67) 4-Bromophenyl-phenylether	10.880	248	302093	40.634	ng	97
68) Hexachlorobenzene	10.945	284	343674	39.941	ng	99
69) Atrazine	11.045	200	248577	41.033	ng	99
70) Pentachlorophenol	11.139	266	324041	66.623	ng	97
71) Phenanthrene	11.363	178	1473491	41.140	ng	99
72) Anthracene	11.416	178	1486759	41.394	ng	99
73) Carbazole	11.569	167	1191212	38.995	ng	99
74) Di-n-butylphthalate	11.904	149	1592633	41.668	ng	99
75) Fluoranthene	12.557	202	1375319	37.825	ng	98
77) Benzidine	12.674	184	113461	23.831	ng	97
78) Pyrene	12.786	202	1340528	42.261	ng	99
80) Butylbenzylphthalate	13.410	149	445815	45.159	ng	99
81) Benzo(a)anthracene	13.980	228	876814	40.757	ng	99
82) 3,3'-Dichlorobenzidine	13.945	252	231208	44.647	ng	95
83) Chrysene	14.016	228	839317	40.407	ng	99
84) Bis(2-ethylhexyl)phtha...	13.974	149	530566	44.782	ng	99
85) Di-n-octyl phthalate	14.592	149	898840	46.851	ng	98
87) Indeno(1,2,3-cd)pyrene	16.980	276	885822	44.184	ng	100
88) Benzo(b)fluoranthene	15.033	252	823107	43.518	ng	98
89) Benzo(k)fluoranthene	15.068	252	746872	41.576	ng	99
90) Benzo(a)pyrene	15.410	252	690608	44.665	ng	99
91) Dibenzo(a,h)anthracene	17.004	278	731366	45.377	ng	99
92) Benzo(g,h,i)perylene	17.445	276	695686	43.069	ng	100

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

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