

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010224\
 Data File : BF136868.D
 Acq On : 02 Jan 2024 13:25
 Operator : CG\JU
 Sample : PB158057BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB158057BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/03/2024
 Supervised By :mohammad ahmed 01/03/2024

Quant Time: Jan 02 13:45:14 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	111899	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	457656	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	219326	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	415553	20.000	ng	0.00
76) Chrysene-d12	13.968	240	221016	20.000	ng	# 0.00
86) Perylene-d12	15.439	264	174830	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	848313	118.286	ng	0.01
7) Phenol-d6	6.439	99	1047155	112.685	ng	0.00
23) Nitrobenzene-d5	7.351	82	649413	72.612	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	282923	109.531	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1202222	73.725	ng	0.00
79) Terphenyl-d14	12.910	244	1192775	75.418	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.669	88	87128	29.158	ng	95
3) Pyridine	3.446	79	210450	28.865	ng	92
4) n-Nitrosodimethylamine	3.404	42	150860	38.747	ng	98
6) Aniline	6.451	93	221140	23.802	ng	# 1
8) 2-Chlorophenol	6.575	128	335408	42.737	ng	95
9) Benzaldehyde	6.334	77	58860	11.136	ng	99
10) Phenol	6.451	94	381673	38.475	ng	94
11) bis(2-Chloroethyl)ether	6.528	93	313526	41.559	ng	97
12) 1,3-Dichlorobenzene	6.722	146	327313	38.230	ng	98
13) 1,4-Dichlorobenzene	6.798	146	337311	38.559	ng	100
14) 1,2-Dichlorobenzene	6.951	146	314411	38.625	ng	99
15) Benzyl Alcohol	6.934	79	268510	42.829	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.057	45	480150	38.929	ng	71
17) 2-Methylphenol	7.051	107	255769	39.339	ng	93
18) Hexachloroethane	7.287	117	120937	38.066	ng	98
19) n-Nitroso-di-n-propyla...	7.210	70	223069	39.599	ng	93
20) 3+4-Methylphenols	7.204	107	309759	38.135	ng	# 72
22) Acetophenone	7.198	105	444874	38.782	ng	95
24) Nitrobenzene	7.369	77	332437	37.106	ng	98
25) Isophorone	7.610	82	614065	37.733	ng	99
26) 2-Nitrophenol	7.681	139	176275	41.124	ng	97
27) 2,4-Dimethylphenol	7.728	122	253590	48.594	ng	97
28) bis(2-Chloroethoxy)met...	7.816	93	374256	37.834	ng	100
29) 2,4-Dichlorophenol	7.928	162	250321	37.259	ng	98
30) 1,2,4-Trichlorobenzene	8.004	180	282472	37.736	ng	99
31) Naphthalene	8.086	128	941871	37.461	ng	99
32) Benzoic acid	7.886	122	188457	37.323	ng	97
33) 4-Chloroaniline	8.133	127	173880	18.731	ng	98
34) Hexachlorobutadiene	8.192	225	165826	36.462	ng	97
35) Caprolactam	8.528	113	80651m	36.389	ng	
36) 4-Chloro-3-methylphenol	8.633	107	273016	36.097	ng	99
37) 2-Methylnaphthalene	8.775	142	588417	36.365	ng	99
38) 1-Methylnaphthalene	8.875	142	554516	34.931	ng	99
40) 1,2,4,5-Tetrachloroben...	8.939	216	283562	41.747	ng	99
41) Hexachlorocyclopentadiene	8.922	237	157793	73.296	ng	99
43) 2,4,6-Trichlorophenol	9.057	196	176360	40.486	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	185223	38.157	ng	98
46) 1,1'-Biphenyl	9.245	154	720388	39.141	ng	100
47) 2-Chloronaphthalene	9.269	162	549545	39.277	ng	98
48) 2-Nitroaniline	9.369	65	173820	39.672	ng	98
49) Acenaphthylene	9.680	152	860644	40.243	ng	100
50) Dimethylphthalate	9.551	163	636986	39.762	ng	100
51) 2,6-Dinitrotoluene	9.616	165	137748	37.887	ng	95
52) Acenaphthene	9.857	154	507749	38.301	ng	99
53) 3-Nitroaniline	9.786	138	118700	30.820	ng	94
54) 2,4-Dinitrophenol	9.898	184	128271	64.420	ng	# 88
55) Dibenzofuran	10.028	168	762064	37.922	ng	99
56) 4-Nitrophenol	9.969	139	187512	72.121	ng	98
57) 2,4-Dinitrotoluene	10.022	165	174589	36.990	ng	94
58) Fluorene	10.375	166	604519	37.913	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.151	232	158155	42.325	ng	98
60) Diethylphthalate	10.251	149	631740	38.007	ng	99
61) 4-Chlorophenyl-phenyle...	10.363	204	284164	36.665	ng	99
62) 4-Nitroaniline	10.410	138	130230	35.075	ng	95
63) Azobenzene	10.527	77	578663	37.273	ng	96
65) 4,6-Dinitro-2-methylph...	10.433	198	91296	38.335	ng	98
66) n-Nitrosodiphenylamine	10.486	169	540337	40.028	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	179015	38.790	ng	92
68) Hexachlorobenzene	10.922	284	200640	39.012	ng	97
69) Atrazine	11.022	200	130921	37.919	ng	99
70) Pentachlorophenol	11.122	266	161035	67.175	ng	99
71) Phenanthrene	11.339	178	843656	39.567	ng	100
72) Anthracene	11.392	178	848105	39.275	ng	99
73) Carbazole	11.551	167	785245	38.570	ng	100
74) Di-n-butylphthalate	11.880	149	991034	39.892	ng	99
75) Fluoranthene	12.533	202	862778	37.829	ng	99
77) Benzidine	12.663	184	18501	2.839	ng	96
78) Pyrene	12.763	202	854821	39.399	ng	99
80) Butylbenzylphthalate	13.386	149	343994	43.573	ng	94
81) Benzo(a)anthracene	13.957	228	614697	40.053	ng	98
82) 3,3'-Dichlorobenzidine	13.921	252	182242	41.814	ng	98
83) Chrysene	13.998	228	588579	39.218	ng	99
84) Bis(2-ethylhexyl)phtha...	13.945	149	448267	45.129	ng	99
85) Di-n-octyl phthalate	14.563	149	716011	46.600	ng	98
87) Indeno(1,2,3-cd)pyrene	16.956	276	614122	48.651	ng	100
88) Benzo(b)fluoranthene	15.010	252	569943	48.809	ng	99
89) Benzo(k)fluoranthene	15.045	252	498629	45.191	ng	98
90) Benzo(a)pyrene	15.380	252	458409	46.508	ng	99
91) Dibenzo(a,h)anthracene	16.968	278	516781	49.902	ng	97
92) Benzo(g,h,i)perylene	17.409	276	509943	48.078	ng	99

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

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