

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122623\
 Data File : BF136717.D
 Acq On : 26 Dec 2023 13:54
 Operator : CG\JU
 Sample : PB157810BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157810BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/27/2023
 Supervised By :mohammad ahmed 12/27/2023

Quant Time: Dec 26 14:27:58 2023
 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	6.786	152	97203	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	387736	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	190231	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	354277	20.000	ng	0.00
76) Chrysene-d12	13.968	240	187870	20.000	ng	0.00
86) Perylene-d12	15.445	264	169492	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.439	112	735810	118.111	ng	0.01
7) Phenol-d6	6.445	99	898656	111.325	ng	0.00
23) Nitrobenzene-d5	7.357	82	567110	74.844	ng	0.00
42) 2,4,6-Tribromophenol	10.621	330	251924	112.446	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1093798	77.335	ng	0.00
79) Terphenyl-d14	12.910	244	1027517	76.432	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.622	88	81025	31.215	ng	98
3) Pyridine	3.387	79	189388	29.904	ng	95
4) n-Nitrosodimethylamine	3.351	42	132207	39.090	ng	96
6) Aniline	6.457	93	232621	28.823	ng	# 1
8) 2-Chlorophenol	6.581	128	284231	41.691	ng	96
9) Benzaldehyde	6.339	77	87650	19.089	ng	98
10) Phenol	6.457	94	336471	39.046	ng	97
11) bis(2-Chloroethyl)ether	6.528	93	268810	41.019	ng	100
12) 1,3-Dichlorobenzene	6.728	146	279444	37.574	ng	99
13) 1,4-Dichlorobenzene	6.804	146	284147	37.392	ng	99
14) 1,2-Dichlorobenzene	6.957	146	275536	38.966	ng	99
15) Benzyl Alcohol	6.939	79	230818	42.384	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.063	45	426936	39.847	ng	84
17) 2-Methylphenol	7.051	107	225415	39.912	ng	95
18) Hexachloroethane	7.292	117	105103	38.084	ng	97
19) n-Nitroso-di-n-propyla...	7.210	70	191772	39.190	ng	95
20) 3+4-Methylphenols	7.204	107	277468	39.324	ng	# 84
22) Acetophenone	7.198	105	394291	40.571	ng	94
24) Nitrobenzene	7.375	77	284854	37.528	ng	94
25) Isophorone	7.610	82	529916	38.434	ng	99
26) 2-Nitrophenol	7.686	139	148588	40.915	ng	99
27) 2,4-Dimethylphenol	7.728	122	240784	54.461	ng	99
28) bis(2-Chloroethoxy)met...	7.816	93	328113	39.151	ng	99
29) 2,4-Dichlorophenol	7.933	162	224867	39.506	ng	96
30) 1,2,4-Trichlorobenzene	8.010	180	244613	38.571	ng	100
31) Naphthalene	8.086	128	807360	37.902	ng	99
32) Benzoic acid	7.880	122	181237	42.366	ng	98
33) 4-Chloroaniline	8.139	127	196179	24.944	ng	98
34) Hexachlorobutadiene	8.198	225	143437	37.226	ng	98
35) Caprolactam	8.522	113	76610m	40.799	ng	
36) 4-Chloro-3-methylphenol	8.633	107	249765	38.978	ng	97
37) 2-Methylnaphthalene	8.780	142	516564	37.681	ng	99
38) 1-Methylnaphthalene	8.880	142	479982	35.688	ng	100
40) 1,2,4,5-Tetrachloroben...	8.945	216	246168	41.785	ng	99
41) Hexachlorocyclopentadiene	8.927	237	148557	79.142	ng	99
43) 2,4,6-Trichlorophenol	9.063	196	157572	41.705	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	172422	40.952	ng	97
46) 1,1'-Biphenyl	9.245	154	645354	40.427	ng	99
47) 2-Chloronaphthalene	9.269	162	480925	39.629	ng	100
48) 2-Nitroaniline	9.374	65	154325	40.609	ng	94
49) Acenaphthylene	9.686	152	743929	40.106	ng	99
50) Dimethylphthalate	9.551	163	556472	40.049	ng	99
51) 2,6-Dinitrotoluene	9.616	165	124082	39.348	ng	# 85
52) Acenaphthene	9.857	154	453495	39.441	ng	99
53) 3-Nitroaniline	9.786	138	105747	31.656	ng	96
54) 2,4-Dinitrophenol	9.904	184	138206	79.121	ng	97
55) Dibenzofuran	10.033	168	672275	38.571	ng	98
56) 4-Nitrophenol	9.969	139	178646	79.220	ng	99
57) 2,4-Dinitrotoluene	10.022	165	157023	38.356	ng	94
58) Fluorene	10.374	166	535056	38.689	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.157	232	142564	43.987	ng	98
60) Diethylphthalate	10.251	149	560475	38.876	ng	98
61) 4-Chlorophenyl-phenyle...	10.369	204	254851	37.912	ng	95
62) 4-Nitroaniline	10.410	138	112993m	35.087	ng	
63) Azobenzene	10.527	77	520014	38.619	ng	98
65) 4,6-Dinitro-2-methylph...	10.439	198	94398	46.493	ng	82
66) n-Nitrosodiphenylamine	10.492	169	477404	41.483	ng	100
67) 4-Bromophenyl-phenylether	10.857	248	155623	39.553	ng	99
68) Hexachlorobenzene	10.921	284	174282	39.748	ng	95
69) Atrazine	11.027	200	176630	60.006	ng	96
70) Pentachlorophenol	11.127	266	163109	79.809	ng	96
71) Phenanthrene	11.339	178	740243	40.721	ng	99
72) Anthracene	11.392	178	751947	40.845	ng	100
73) Carbazole	11.551	167	681247	39.249	ng	99
74) Di-n-butylphthalate	11.880	149	828299	39.108	ng	100
75) Fluoranthene	12.533	202	736733	37.889	ng	97
77) Benzidine	12.657	184	64204	11.590	ng	99
78) Pyrene	12.762	202	741951	40.230	ng	99
80) Butylbenzylphthalate	13.386	149	290291	43.258	ng	97
81) Benzo(a)anthracene	13.957	228	540199	41.409	ng	98
82) 3,3'-Dichlorobenzidine	13.921	252	162980	43.991	ng	98
83) Chrysene	13.998	228	516224	40.466	ng	98
84) Bis(2-ethylhexyl)phtha...	13.951	149	374168	44.315	ng	# 97
85) Di-n-octyl phthalate	14.562	149	611772	46.841	ng	98
87) Indeno(1,2,3-cd)pyrene	16.956	276	602132	49.204	ng	99
88) Benzo(b)fluoranthene	15.015	252	488826	43.181	ng	99
89) Benzo(k)fluoranthene	15.045	252	481537	45.017	ng	98
90) Benzo(a)pyrene	15.386	252	427370	44.724	ng	98
91) Dibenzo(a,h)anthracene	16.974	278	504711	50.272	ng	99
92) Benzo(g,h,i)perylene	17.415	276	513406	49.929	ng	98

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

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