

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050324\
 Data File : BF137833.D
 Acq On : 03 May 2024 17:20
 Operator : CG\JU
 Sample : P2354-02MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 V359MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

05/04/2024
 Supervised By :mohammad
 ahmed

Quant Time: May 03 17:48:24 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:25:08 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.051	152	155290	20.000	ng	0.00
21) Naphthalene-d8	8.339	136	624689	20.000	ng	0.00
39) Acenaphthene-d10	10.098	164	353467	20.000	ng	-0.01
64) Phenanthrene-d10	11.592	188	554601	20.000	ng	0.00
76) Chrysene-d12	14.245	240	266803	20.000	ng	# 0.00
86) Perylene-d12	15.809	264	299754	20.000	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.692	112	1057917	114.061	ng	0.02
7) Phenol-d6	6.675	99	1257524	106.892	ng	0.00
23) Nitrobenzene-d5	7.616	82	902996	83.982	ng	0.00
42) 2,4,6-Tribromophenol	10.898	330	463151	128.333	ng	0.00
45) 2-Fluorobiphenyl	9.416	172	1904872	87.431	ng	0.00
79) Terphenyl-d14	13.180	244	1595029	100.188	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.175	88	136685	32.726	ng	# 83
3) Pyridine	3.851	79	273818	27.088	ng	96
4) n-Nitrosodimethylamine	3.804	42	174445	38.324	ng	97
6) Aniline	6.716	93	208600	17.890	ng	99
8) 2-Chlorophenol	6.839	128	444285	43.955	ng	98
9) Benzaldehyde	6.610	77	146127	23.065	ng	97
10) Phenol	6.687	94	462264	38.347	ng	97
11) bis(2-Chloroethyl)ether	6.787	93	388589	41.169	ng	99
12) 1,3-Dichlorobenzene	6.998	146	446119	39.139	ng	97
13) 1,4-Dichlorobenzene	7.069	146	447487	39.126	ng	98
14) 1,2-Dichlorobenzene	7.222	146	435138	40.395	ng	98
15) Benzyl Alcohol	7.192	79	377950	46.456	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.316	45	498933	37.606	ng	96
17) 2-Methylphenol	7.292	107	359456	44.073	ng	99
18) Hexachloroethane	7.569	117	159596	41.277	ng	98
19) n-Nitroso-di-n-propyla...	7.463	70	304067	43.249	ng	96
20) 3+4-Methylphenols	7.445	107	454314	42.339	ng	94
22) Acetophenone	7.463	105	614143	43.713	ng	98
24) Nitrobenzene	7.634	77	449833	40.592	ng	100
25) Isophorone	7.869	82	866327	44.687	ng	99
26) 2-Nitrophenol	7.951	139	241968	48.217	ng	93
27) 2,4-Dimethylphenol	7.975	122	339975	47.058	ng	93
28) bis(2-Chloroethoxy)met...	8.075	93	510315	43.476	ng	99
29) 2,4-Dichlorophenol	8.186	162	398924	45.683	ng	99
30) 1,2,4-Trichlorobenzene	8.275	180	398826	41.895	ng	98
31) Naphthalene	8.363	128	1321657	42.573	ng	99
32) Benzoic acid	8.092	122	276273	44.326	ng	97
33) 4-Chloroaniline	8.398	127	80476	6.991	ng	97
34) Hexachlorobutadiene	8.469	225	245284	41.968	ng	100
35) Caprolactam	8.775	113	110218m	39.836	ng	
36) 4-Chloro-3-methylphenol	8.875	107	419123	46.025	ng	92
37) 2-Methylnaphthalene	9.051	142	888019	44.191	ng	100
38) 1-Methylnaphthalene	9.151	142	829089	41.936	ng	99
40) 1,2,4,5-Tetrachloroben...	9.216	216	420700	44.938	ng	99
41) Hexachlorocyclopentadiene	9.204	237	474185	124.703	ng	99
43) 2,4,6-Trichlorophenol	9.328	196	297537	46.690	ng	99

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44) 2,4,5-Trichlorophenol	9.369	196	322222	45.792	ng	99
46) 1,1'-Biphenyl	9.516	154	1112098	45.845	ng	98
47) 2-Chloronaphthalene	9.545	162	852666	43.538	ng	98
48) 2-Nitroaniline	9.639	65	232033	43.685	ng	93
49) Acenaphthylene	9.963	152	1353871	47.789	ng	99
50) Dimethylphthalate	9.816	163	1060658	47.533	ng	99
51) 2,6-Dinitrotoluene	9.880	165	236373	46.353	ng	87
52) Acenaphthene	10.133	154	906853	48.292	ng	99
53) 3-Nitroaniline	10.045	138	109313	20.470	ng	93
54) 2,4-Dinitrophenol	10.157	184	238950	95.364	ng	96
55) Dibenzofuran	10.310	168	1215860	44.493	ng	99
56) 4-Nitrophenol	10.198	139	267864	60.521	ng	92
57) 2,4-Dinitrotoluene	10.286	165	302331	45.381	ng	91
58) Fluorene	10.651	166	947295	43.557	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.422	232	257247	45.030	ng	97
60) Diethylphthalate	10.516	149	1004918	47.418	ng	99
61) 4-Chlorophenyl-phenyle...	10.639	204	478639	44.665	ng	95
62) 4-Nitroaniline	10.669	138	180555	33.334	ng	91
63) Azobenzene	10.798	77	890361	43.469	ng	99
65) 4,6-Dinitro-2-methylph...	10.692	198	163441	51.345	ng	89
66) n-Nitrosodiphenylamine	10.757	169	826364	49.777	ng	99
67) 4-Bromophenyl-phenylether	11.133	248	294385	49.598	ng	98
68) Hexachlorobenzene	11.198	284	311245	47.985	ng	99
69) Atrazine	11.280	200	271159	53.568	ng	97
70) Pentachlorophenol	11.392	266	364590	81.873	ng	99
71) Phenanthrene	11.622	178	1230158	45.507	ng	99
72) Anthracene	11.674	178	1250752	46.502	ng	99
73) Carbazole	11.822	167	1013522	39.099	ng	99
74) Di-n-butylphthalate	12.145	149	1414501	50.024	ng	99
75) Fluoranthene	12.810	202	1066097	36.079	ng	100
77) Benzidine	12.927	184	77909	12.626	ng	99
78) Pyrene	13.045	202	1027526	48.573	ng	99
80) Butylbenzylphthalate	13.651	149	412256	61.422	ng	92
81) Benzo(a)anthracene	14.233	228	807221	47.304	ng	97
82) 3,3'-Dichlorobenzidine	14.186	252	162660	31.841	ng	100
83) Chrysene	14.268	228	765507	47.910	ng	99
84) Bis(2-ethylhexyl)phtha...	14.204	149	575396	68.023	ng	98
85) Di-n-octyl phthalate	14.827	149	908358	79.792	ng	97
87) Indeno(1,2,3-cd)pyrene	17.445	276	726939	42.656	ng	98
88) Benzo(b)fluoranthene	15.339	252	803413	43.079	ng	99
89) Benzo(k)fluoranthene	15.368	252	813763	45.144	ng	99
90) Benzo(a)pyrene	15.745	252	743927	48.894	ng	99
91) Dibenzo(a,h)anthracene	17.462	278	590077	42.538	ng	100
92) Benzo(g,h,i)perylene	17.945	276	537975	36.995	ng	97

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

