

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022023\
 Data File : BM038792.D
 Acq On : 20 Feb 2023 18:19
 Operator : CG/JU
 Sample : 01593-03MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-26-SB01MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/21/2023
 Supervised By : Jagrut Upadhyay 02/21/2023

Quant Time: Feb 21 02:09:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 21 02:04:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	48681	20.000	ng	0.00
21) Naphthalene-d8	10.692	136	185339	20.000	ng	0.00
39) Acenaphthene-d10	14.533	164	106357	20.000	ng	0.00
64) Phenanthrene-d10	17.286	188	181693	20.000	ng	# 0.00
76) Chrysene-d12	21.468	240	154544	20.000	ng	0.00
86) Perylene-d12	23.844	264	200787	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	392799	158.061	ng	0.00
7) Phenol-d6	7.063	99	457954	161.574	ng	0.00
23) Nitrobenzene-d5	9.057	82	277429	85.023	ng	0.00
42) 2,4,6-Tribromophenol	16.033	330	189503	131.087	ng	0.00
45) 2-Fluorobiphenyl	13.157	172	752477	90.072	ng	0.00
79) Terphenyl-d14	19.904	244	827351	94.472	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.275	88	43097	39.338	ng	93
3) Pyridine	3.687	79	111024	42.617	ng	94
4) n-Nitrosodimethylamine	3.605	42	51988	44.204	ng	80
6) Aniline	7.210	93	123623	34.966	ng	94
8) 2-Chlorophenol	7.440	128	167191	61.655	ng	95
9) Benzaldehyde	7.016	77	71048	56.873	ng	92
10) Phenol	7.087	94	176593	61.672	ng	88
11) bis(2-Chloroethyl)ether	7.310	93	134255	57.896	ng	94
12) 1,3-Dichlorobenzene	7.763	146	194620	56.173	ng	98
13) 1,4-Dichlorobenzene	7.916	146	199536	57.066	ng	99
14) 1,2-Dichlorobenzene	8.228	146	188978	56.415	ng	98
15) Benzyl Alcohol	8.134	79	116306m	55.751	ng	
16) 2,2'-oxybis(1-Chloropr...	8.410	45	108493	49.394	ng	96
17) 2-Methylphenol	8.340	107	123436	56.201	ng	96
18) Hexachloroethane	8.951	117	70069	62.050	ng	88
19) n-Nitroso-di-n-propyla...	8.698	70	95906	56.136	ng	93
20) 3+4-Methylphenols	8.675	107	166273	56.781	ng	95
22) Acetophenone	8.716	105	221174	50.040	ng	# 96
24) Nitrobenzene	9.104	77	150351	45.397	ng	90
25) Isophorone	9.628	82	268307	46.939	ng	99
26) 2-Nitrophenol	9.810	139	97185	52.734	ng	97
27) 2,4-Dimethylphenol	9.875	122	141736	53.305	ng	96
28) bis(2-Chloroethoxy)met...	10.110	93	169412	48.497	ng	98
29) 2,4-Dichlorophenol	10.351	162	168982	44.732	ng	98
30) 1,2,4-Trichlorobenzene	10.557	180	173152	43.090	ng	96
31) Naphthalene	10.745	128	480069	50.476	ng	98
32) Benzoic acid	10.051	122	105913	49.206	ng	94
33) 4-Chloroaniline	10.869	127	32077	7.696	ng	93
34) Hexachlorobutadiene	11.010	225	100858	50.104	ng	96
35) Caprolactam	11.681	113	36956m	45.424	ng	
36) 4-Chloro-3-methylphenol	12.004	107	128802	46.110	ng	98
37) 2-Methylnaphthalene	12.357	142	342625	44.579	ng	98
38) 1-Methylnaphthalene	12.575	142	317509	43.842	ng	99
40) 1,2,4,5-Tetrachloroben...	12.728	216	154759	55.911	ng	99
41) Hexachlorocyclopentadiene	12.692	237	191773	111.650	ng	98
43) 2,4,6-Trichlorophenol	12.975	196	111333	51.198	ng	97

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44) 2,4,5-Trichlorophenol	13.051	196	117709	45.999	ng	93
46) 1,1'-Biphenyl	13.369	154	457290	54.278	ng	99
47) 2-Chloronaphthalene	13.416	162	357457	53.919	ng	95
48) 2-Nitroaniline	13.633	65	68461	45.859	ng	91
49) Acenaphthylene	14.257	152	540107	51.725	ng	98
50) Dimethylphthalate	14.004	163	422300	48.656	ng	99
51) 2,6-Dinitrotoluene	14.127	165	86687	49.141	ng	92
52) Acenaphthene	14.598	154	316565	50.773	ng	99
53) 3-Nitroaniline	14.463	138	53200	29.466	ng	98
54) 2,4-Dinitrophenol	14.674	184	97202	84.655	ng	# 84
55) Dibenzofuran	14.933	168	502519	46.804	ng	94
56) 4-Nitrophenol	14.780	139	136176	96.251	ng	92
57) 2,4-Dinitrotoluene	14.922	165	115338	44.435	ng	# 92
58) Fluorene	15.586	166	398132	46.865	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.169	232	87437	49.094	ng	96
60) Diethylphthalate	15.357	149	422079	51.333	ng	96
61) 4-Chlorophenyl-phenyle...	15.574	204	184436	51.175	ng	99
62) 4-Nitroaniline	15.627	138	83060m	43.986	ng	
63) Azobenzene	15.869	77	329625	52.106	ng	96
65) 4,6-Dinitro-2-methylph...	15.680	198	53334	46.629	ng	89
66) n-Nitrosodiphenylamine	15.798	169	324763	54.742	ng	99
67) 4-Bromophenyl-phenylether	16.468	248	103655	59.084	ng	94
68) Hexachlorobenzene	16.586	284	126631	59.061	ng	97
69) Atrazine	16.751	200	103243	60.043	ng	97
70) Pentachlorophenol	16.939	266	146796	93.921	ng	99
71) Phenanthrene	17.327	178	539035	49.964	ng	99
72) Anthracene	17.415	178	551241	49.946	ng	99
73) Carbazole	17.698	167	489270	47.534	ng	98
74) Di-n-butylphthalate	18.245	149	668657	57.498	ng	99
75) Fluoranthene	19.345	202	542287	47.874	ng	99
77) Benzidine	19.539	184	262450	55.972	ng	99
78) Pyrene	19.704	202	564822	47.470	ng	100
80) Butylbenzylphthalate	20.598	149	276740	46.771	ng	97
81) Benzo(a)anthracene	21.451	228	579574	53.016	ng	99
82) 3,3'-Dichlorobenzidine	21.386	252	142633	37.924	ng	96
83) Chrysene	21.503	228	537789	51.058	ng	99
84) Bis(2-ethylhexyl)phtha...	21.368	149	415817	48.235	ng	97
85) Di-n-octyl phthalate	22.280	149	735459	52.512	ng	100
87) Indeno(1,2,3-cd)pyrene	26.333	276	911793	57.653	ng	99
88) Benzo(b)fluoranthene	23.121	252	675305	56.152	ng	99
89) Benzo(k)fluoranthene	23.168	252	677730	55.495	ng	100
90) Benzo(a)pyrene	23.744	252	603997	50.786	ng	99
91) Dibenzo(a,h)anthracene	26.338	278	775027	58.247	ng	98
92) Benzo(g,h,i)perylene	27.097	276	696053	51.751	ng	97

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

