

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020223\
 Data File : BM038664.D
 Acq On : 02 Feb 2023 15:35
 Operator : CG/JU
 Sample : 01285-02MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-07-SB02MS

Quant Time: Feb 03 05:35:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 02 03:31:45 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 02/06/2023
 Supervised By : Jagrut Upadhyay 02/06/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	81774	20.000	ng	-0.01
21) Naphthalene-d8	10.739	136	268577	20.000	ng	-0.01
39) Acenaphthene-d10	14.568	164	169404	20.000	ng	0.00
64) Phenanthrene-d10	17.315	188	305912	20.000	ng	0.00
76) Chrysene-d12	21.491	240	216089	20.000	ng	0.00
86) Perylene-d12	23.885	264	291872	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	529775	126.909	ng	0.00
7) Phenol-d6	7.116	99	576555	121.097	ng	0.00
23) Nitrobenzene-d5	9.110	82	362676	76.701	ng	0.00
42) 2,4,6-Tribromophenol	16.062	330	282398	122.645	ng	0.00
45) 2-Fluorobiphenyl	13.198	172	1090396	81.945	ng	0.00
79) Terphenyl-d14	19.927	244	1017896	83.126	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.346	88	69903	37.984	ng	94
3) Pyridine	3.757	79	167460	38.267	ng	96
4) n-Nitrosodimethylamine	3.675	42	79180	40.080	ng	88
6) Aniline	7.263	93	214986	36.199	ng	98
8) 2-Chlorophenol	7.498	128	221762	48.684	ng	96
9) Benzaldehyde	7.075	77	73084	34.827	ng	96
10) Phenol	7.145	94	225736	46.931	ng	97
11) bis(2-Chloroethyl)ether	7.357	93	175256	44.992	ng	96
12) 1,3-Dichlorobenzene	7.816	146	301714	51.842	ng	98
13) 1,4-Dichlorobenzene	7.969	146	302783	51.550	ng	99
14) 1,2-Dichlorobenzene	8.281	146	289624	51.471	ng	97
15) Benzyl Alcohol	8.186	79	160083m	45.682	ng	
16) 2,2'-oxybis(1-Chloropr...	8.457	45	150034	40.664	ng	94
17) 2-Methylphenol	8.398	107	156832	42.509	ng	98
18) Hexachloroethane	9.010	117	98922	52.150	ng	95
19) n-Nitroso-di-n-propyla...	8.751	70	126305	44.011	ng	94
20) 3+4-Methylphenols	8.728	107	205695	41.817	ng	98
22) Acetophenone	8.769	105	295708	46.168	ng	97
24) Nitrobenzene	9.151	77	208874	43.521	ng	95
25) Isophorone	9.675	82	347120	41.906	ng	95
26) 2-Nitrophenol	9.857	139	129775	48.594	ng	96
27) 2,4-Dimethylphenol	9.927	122	179064	46.472	ng	98
28) bis(2-Chloroethoxy)met...	10.157	93	218735	43.210	ng	99
29) 2,4-Dichlorophenol	10.404	162	249686	45.611	ng	100
30) 1,2,4-Trichlorobenzene	10.604	180	291722	50.097	ng	99
31) Naphthalene	10.792	128	646444	46.904	ng	99
32) Benzoic acid	10.086	122	109277	35.035	ng	99
33) 4-Chloroaniline	10.916	127	95577	15.824	ng	96
34) Hexachlorobutadiene	11.063	225	154771	53.058	ng	99
35) Caprolactam	11.721	113	42639	36.166	ng	92
36) 4-Chloro-3-methylphenol	12.051	107	168232	41.561	ng	99
37) 2-Methylnaphthalene	12.398	142	489025	43.908	ng	99
38) 1-Methylnaphthalene	12.616	142	445218	42.423	ng	97
40) 1,2,4,5-Tetrachloroben...	12.763	216	239034	54.218	ng	99
41) Hexachlorocyclopentadiene	12.733	237	307650	112.453	ng	98
43) 2,4,6-Trichlorophenol	13.016	196	169873	49.045	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.098	196	176175	43.224	ng	96
46) 1,1'-Biphenyl	13.410	154	677736	50.505	ng	100
47) 2-Chloronaphthalene	13.451	162	544526	51.568	ng	99
48) 2-Nitroaniline	13.668	65	92079	39.062	ng	100
49) Acenaphthylene	14.298	152	783440	47.105	ng	99
50) Dimethylphthalate	14.039	163	598945	43.326	ng	100
51) 2,6-Dinitrotoluene	14.163	165	124127	44.177	ng	97
52) Acenaphthene	14.633	154	464036	46.727	ng	98
53) 3-Nitroaniline	14.492	138	70077	24.651	ng	94
54) 2,4-Dinitrophenol	14.704	184	106924	58.465	ng	93
55) Dibenzofuran	14.968	168	766755	44.836	ng	99
56) 4-Nitrophenol	14.821	139	175193	77.744	ng	93
57) 2,4-Dinitrotoluene	14.951	165	166731	40.480	ng	91
58) Fluorene	15.615	166	604799	44.697	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.204	232	129086	45.504	ng	95
60) Diethylphthalate	15.392	149	557266	42.551	ng	100
61) 4-Chlorophenyl-phenyle...	15.609	204	265614	46.271	ng	98
62) 4-Nitroaniline	15.657	138	98662m	33.275	ng	
63) Azobenzene	15.904	77	409338	40.625	ng	96
65) 4,6-Dinitro-2-methylph...	15.709	198	72508	37.651	ng	95
66) n-Nitrosodiphenylamine	15.827	169	484762	48.532	ng	99
67) 4-Bromophenyl-phenylether	16.504	248	152769	51.720	ng	99
68) Hexachlorobenzene	16.615	284	194596	53.906	ng	99
69) Atrazine	16.780	200	147211	50.850	ng	98
70) Pentachlorophenol	16.968	266	215375	81.844	ng	98
71) Phenanthrene	17.356	178	849378	46.761	ng	98
72) Anthracene	17.445	178	864481	46.522	ng	99
73) Carbazole	17.727	167	753559	43.482	ng	99
74) Di-n-butylphthalate	18.274	149	912829	46.621	ng	100
75) Fluoranthene	19.368	202	812729	42.615	ng	99
77) Benzidine	19.562	184	317795	48.889	ng	98
78) Pyrene	19.733	202	845772	50.837	ng	100
80) Butylbenzylphthalate	20.621	149	379814	45.945	ng	96
81) Benzo(a)anthracene	21.474	228	725518	47.465	ng	99
82) 3,3'-Dichlorobenzidine	21.409	252	233806	44.461	ng	98
83) Chrysene	21.527	228	680648	46.216	ng	99
84) Bis(2-ethylhexyl)phtha...	21.391	149	550028	45.712	ng	# 96
85) Di-n-octyl phthalate	22.309	149	944342	48.223	ng	99
87) Indeno(1,2,3-cd)pyrene	26.391	276	1254956	54.588	ng	98
88) Benzo(b)fluoranthene	23.156	252	846563	48.425	ng	98
89) Benzo(k)fluoranthene	23.203	252	843676	47.525	ng	99
90) Benzo(a)pyrene	23.785	252	769341	44.501	ng	99
91) Dibenzo(a,h)anthracene	26.397	278	1055058	54.548	ng	98
92) Benzo(g,h,i)perylene	27.162	276	1027641	52.560	ng	97

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

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