

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020223\
 Data File : BM038665.D
 Acq On : 02 Feb 2023 16:12
 Operator : CG/JU
 Sample : 01285-02MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-07-SB02MSD

Quant Time: Feb 03 05:35:51 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	84668	20.000	ng	-0.01
21) Naphthalene-d8	10.739	136	276102	20.000	ng	-0.01
39) Acenaphthene-d10	14.569	164	172032	20.000	ng	0.00
64) Phenanthrene-d10	17.315	188	305956	20.000	ng	0.00
76) Chrysene-d12	21.492	240	219398	20.000	ng	0.00
86) Perylene-d12	23.891	264	295086	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	543619	125.774	ng	0.00
7) Phenol-d6	7.116	99	595370	120.775	ng	0.00
23) Nitrobenzene-d5	9.110	82	371669	76.461	ng	0.00
42) 2,4,6-Tribromophenol	16.063	330	286899	122.696	ng	0.00
45) 2-Fluorobiphenyl	13.198	172	1116777	82.646	ng	0.00
79) Terphenyl-d14	19.927	244	1021450	82.158	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.346	88	70311	36.900	ng	96
3) Pyridine	3.757	79	170456	37.620	ng	95
4) n-Nitrosodimethylamine	3.675	42	82809	40.484	ng	87
6) Aniline	7.263	93	219055	35.624	ng	97
8) 2-Chlorophenol	7.498	128	227559	48.250	ng	97
9) Benzaldehyde	7.075	77	75341	34.676	ng	96
10) Phenol	7.145	94	230474	46.279	ng	97
11) bis(2-Chloroethyl)ether	7.363	93	182467	45.242	ng	94
12) 1,3-Dichlorobenzene	7.816	146	304502	50.532	ng	98
13) 1,4-Dichlorobenzene	7.969	146	309312	50.862	ng	100
14) 1,2-Dichlorobenzene	8.281	146	295569	50.732	ng	97
15) Benzyl Alcohol	8.187	79	161287m	44.452	ng	
16) 2,2'-oxybis(1-Chloropr...	8.469	45	155384	40.675	ng	96
17) 2-Methylphenol	8.398	107	161142	42.185	ng	98
18) Hexachloroethane	9.004	117	101419	51.639	ng	97
19) n-Nitroso-di-n-propyla...	8.751	70	130192	43.815	ng	94
20) 3+4-Methylphenols	8.728	107	211706	41.568	ng	99
22) Acetophenone	8.769	105	301646	45.812	ng	# 97
24) Nitrobenzene	9.151	77	213068	43.185	ng	93
25) Isophorone	9.675	82	357485	41.981	ng	98
26) 2-Nitrophenol	9.857	139	133525	48.635	ng	97
27) 2,4-Dimethylphenol	9.928	122	182380	46.042	ng	98
28) bis(2-Chloroethoxy)met...	10.157	93	226623	43.548	ng	98
29) 2,4-Dichlorophenol	10.398	162	257053	45.677	ng	98
30) 1,2,4-Trichlorobenzene	10.604	180	295765	49.407	ng	99
31) Naphthalene	10.792	128	664985	46.934	ng	98
32) Benzoic acid	10.086	122	109013	33.997	ng	99
33) 4-Chloroaniline	10.916	127	102676	16.536	ng	95
34) Hexachlorobutadiene	11.063	225	159882	53.316	ng	98
35) Caprolactam	11.722	113	41747	34.445	ng	96
36) 4-Chloro-3-methylphenol	12.051	107	170735	41.030	ng	96
37) 2-Methylnaphthalene	12.398	142	498437	43.533	ng	98
38) 1-Methylnaphthalene	12.616	142	457708	42.424	ng	98
40) 1,2,4,5-Tetrachloroben...	12.763	216	247097	55.190	ng	100
41) Hexachlorocyclopentadiene	12.733	237	311528	112.131	ng	98
43) 2,4,6-Trichlorophenol	13.016	196	174615	49.644	ng	96

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44) 2,4,5-Trichlorophenol	13.098	196	180520	43.613	ng	96
46) 1,1'-Biphenyl	13.410	154	698188	51.234	ng	100
47) 2-Chloronaphthalene	13.451	162	552843	51.556	ng	98
48) 2-Nitroaniline	13.669	65	94835	39.586	ng	99
49) Acenaphthylene	14.292	152	803631	47.581	ng	99
50) Dimethylphthalate	14.033	163	606407	43.195	ng	99
51) 2,6-Dinitrotoluene	14.163	165	126893	44.472	ng	97
52) Acenaphthene	14.633	154	478427	47.440	ng	97
53) 3-Nitroaniline	14.492	138	71398	24.727	ng	98
54) 2,4-Dinitrophenol	14.704	184	110197	59.334	ng	90
55) Dibenzofuran	14.969	168	778924	44.852	ng	100
56) 4-Nitrophenol	14.821	139	179232	78.321	ng	93
57) 2,4-Dinitrotoluene	14.945	165	166820	39.907	ng	95
58) Fluorene	15.616	166	616183	44.842	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.198	232	126511	43.916	ng	97
60) Diethylphthalate	15.392	149	564249	42.426	ng	99
61) 4-Chlorophenyl-phenyle...	15.610	204	270055	46.326	ng	99
62) 4-Nitroaniline	15.657	138	101509m	33.688	ng	
63) Azobenzene	15.904	77	419301	40.978	ng	95
65) 4,6-Dinitro-2-methylph...	15.710	198	72853	37.825	ng	96
66) n-Nitrosodiphenylamine	15.827	169	493153	49.365	ng	98
67) 4-Bromophenyl-phenylether	16.504	248	156143	52.855	ng	99
68) Hexachlorobenzene	16.615	284	199278	55.195	ng	98
69) Atrazine	16.780	200	148444	51.268	ng	99
70) Pentachlorophenol	16.968	266	211549	80.379	ng	98
71) Phenanthrene	17.357	178	853797	46.998	ng	100
72) Anthracene	17.445	178	868360	46.724	ng	99
73) Carbazole	17.727	167	751457	43.355	ng	99
74) Di-n-butylphthalate	18.274	149	917341	46.845	ng	100
75) Fluoranthene	19.368	202	818528	42.913	ng	99
77) Benzidine	19.562	184	361742	54.433	ng	98
78) Pyrene	19.733	202	857445	50.762	ng	99
80) Butylbenzylphthalate	20.621	149	378783	45.164	ng	96
81) Benzo(a)anthracene	21.474	228	730505	47.070	ng	99
82) 3,3'-Dichlorobenzidine	21.409	252	240643	45.071	ng	98
83) Chrysene	21.527	228	685457	45.841	ng	100
84) Bis(2-ethylhexyl)phtha...	21.392	149	559616	45.805	ng	# 97
85) Di-n-octyl phthalate	22.309	149	954154	47.989	ng	99
87) Indeno(1,2,3-cd)pyrene	26.391	276	1268066	54.557	ng	97
88) Benzo(b)fluoranthene	23.156	252	859393	48.623	ng	98
89) Benzo(k)fluoranthene	23.209	252	871922	48.581	ng	99
90) Benzo(a)pyrene	23.786	252	783371	44.819	ng	98
91) Dibenzo(a,h)anthracene	26.403	278	1079130	55.185	ng	98
92) Benzo(g,h,i)perylene	27.162	276	1044054	52.818	ng	97

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

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