

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102323\
 Data File : BM042397.D
 Acq On : 23 Oct 2023 12:05
 Operator : MA/JU
 Sample : PB156324BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 23 13:47:41 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 21 02:32:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.993	152	106948	20.000	ng	0.00
21) Naphthalene-d8	10.816	136	423562	20.000	ng	0.00
39) Acenaphthene-d10	14.639	164	223327	20.000	ng	0.00
64) Phenanthrene-d10	17.392	188	448949	20.000	ng	0.00
76) Chrysene-d12	21.574	240	422023	20.000	ng	0.00
86) Perylene-d12	24.039	264	476385	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1082310	143.027	ng	0.00
7) Phenol-d6	7.146	99	1410713	139.111	ng	0.00
23) Nitrobenzene-d5	9.192	82	866518	90.464	ng	0.00
42) 2,4,6-Tribromophenol	16.133	330	377116	151.276	ng	0.00
45) 2-Fluorobiphenyl	13.263	172	1523416	91.859	ng	0.00
79) Terphenyl-d14	20.004	244	2418258	101.624	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.393	88	130087	36.508	ng	98
3) Pyridine	3.810	79	341516	32.667	ng	98
4) n-Nitrosodimethylamine	3.734	42	223955	42.429	ng	# 97
6) Aniline	7.334	93	465982	36.091	ng	99
8) 2-Chlorophenol	7.551	128	358738	47.776	ng	96
9) Benzaldehyde	7.151	77	129620	21.945	ng	98
10) Phenol	7.175	94	505229	48.216	ng	99
11) bis(2-Chloroethyl)ether	7.434	93	388655	45.176	ng	97
12) 1,3-Dichlorobenzene	7.875	146	359797	46.327	ng	99
13) 1,4-Dichlorobenzene	8.034	146	369630	47.280	ng	99
14) 1,2-Dichlorobenzene	8.345	146	355567	47.366	ng	99
15) Benzyl Alcohol	8.251	79	351776	46.795	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.522	45	596219	43.799	ng	100
17) 2-Methylphenol	8.434	107	313535	45.343	ng	97
18) Hexachloroethane	9.063	117	142817	47.453	ng	99
19) n-Nitroso-di-n-propyla...	8.810	70	306998	44.666	ng	99
20) 3+4-Methylphenols	8.769	107	420012	45.286	ng	96
22) Acetophenone	8.845	105	549790	47.579	ng	98
24) Nitrobenzene	9.234	77	452255	47.194	ng	98
25) Isophorone	9.745	82	778987	47.855	ng	99
26) 2-Nitrophenol	9.939	139	173545	47.107	ng	98
27) 2,4-Dimethylphenol	9.975	122	298106	45.148	ng	99
28) bis(2-Chloroethoxy)met...	10.234	93	486965	47.217	ng	99
29) 2,4-Dichlorophenol	10.457	162	299872	52.224	ng	99
30) 1,2,4-Trichlorobenzene	10.669	180	302300	49.109	ng	98
31) Naphthalene	10.869	128	1022931	47.018	ng	100
32) Benzoic acid	10.104	122	258597	52.932	ng	94
33) 4-Chloroaniline	11.004	127	267547	28.325	ng	99
34) Hexachlorobutadiene	11.098	225	164104	49.265	ng	98
35) Caprolactam	11.833	113	111357	48.750	ng	98
36) 4-Chloro-3-methylphenol	12.098	107	362018	52.245	ng	99
37) 2-Methylnaphthalene	12.469	142	656903	44.854	ng	99
38) 1-Methylnaphthalene	12.692	142	639245	46.592	ng	99
40) 1,2,4,5-Tetrachloroben...	12.822	216	311144	48.192	ng	100
41) Hexachlorocyclopentadiene	12.769	237	346841	97.989	ng	98
43) 2,4,6-Trichlorophenol	13.069	196	223254	53.417	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.139	196	247462	50.087	ng	97
46) 1,1'-Biphenyl	13.475	154	866290	48.897	ng	99
47) 2-Chloronaphthalene	13.527	162	646292	49.723	ng	100
48) 2-Nitroaniline	13.757	65	269852	47.068	ng	98
49) Acenaphthylene	14.369	152	1096713	52.264	ng	100
50) Dimethylphthalate	14.104	163	814583	49.727	ng	99
51) 2,6-Dinitrotoluene	14.245	165	173797	47.049	ng	98
52) Acenaphthene	14.704	154	615138	48.488	ng	99
53) 3-Nitroaniline	14.586	138	161409	37.564	ng	94
54) 2,4-Dinitrophenol	14.786	184	228041	97.538	ng	97
55) Dibenzofuran	15.039	168	980782	48.879	ng	99
56) 4-Nitrophenol	14.874	139	383969	115.088	ng	97
57) 2,4-Dinitrotoluene	15.027	165	241045	48.665	ng	96
58) Fluorene	15.686	166	812448	51.311	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.257	232	209051	56.324	ng	97
60) Diethylphthalate	15.451	149	919269	56.866	ng	100
61) 4-Chlorophenyl-phenyle...	15.680	204	376765	50.526	ng	97
62) 4-Nitroaniline	15.751	138	193944	46.236	ng	99
63) Azobenzene	15.974	77	1008200	51.984	ng	97
65) 4,6-Dinitro-2-methylph...	15.774	198	129905	45.642	ng	99
66) n-Nitrosodiphenylamine	15.904	169	688820	50.940	ng	99
67) 4-Bromophenyl-phenylether	16.574	248	217667	52.312	ng	98
68) Hexachlorobenzene	16.657	284	241287	54.250	ng	99
69) Atrazine	16.851	200	226701	66.110	ng	99
70) Pentachlorophenol	17.021	266	374452	99.289	ng	98
71) Phenanthrene	17.433	178	1260569	51.614	ng	100
72) Anthracene	17.527	178	1265593	52.323	ng	99
73) Carbazole	17.815	167	1216988	53.632	ng	99
74) Di-n-butylphthalate	18.333	149	1683681	57.974	ng	100
75) Fluoranthene	19.445	202	1468443	54.593	ng	99
77) Benzidine	19.656	184	755513	123.768	ng	99
78) Pyrene	19.815	202	1526938	51.777	ng	100
80) Butylbenzylphthalate	20.692	149	731868	54.290	ng	97
81) Benzo(a)anthracene	21.556	228	1465629	51.804	ng	99
82) 3,3'-Dichlorobenzidine	21.498	252	504407	59.724	ng	99
83) Chrysene	21.609	228	1336382	49.181	ng	99
84) Bis(2-ethylhexyl)phtha...	21.439	149	1117180	58.029	ng	99
85) Di-n-octyl phthalate	22.380	149	1839112	55.433	ng	99
87) Indeno(1,2,3-cd)pyrene	26.627	276	1891046	54.318	ng	98
88) Benzo(b)fluoranthene	23.274	252	1538713	53.661	ng	99
89) Benzo(k)fluoranthene	23.327	252	1404166	47.166	ng	98
90) Benzo(a)pyrene	23.927	252	1319420	47.806	ng	100
91) Dibenzo(a,h)anthracene	26.644	278	1553633	53.675	ng	99
92) Benzo(g,h,i)perylene	27.438	276	1482611	52.742	ng	97

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

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