

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042921\
 Data File : BM029695.D
 Acq On : 28 Apr 2021 19:10
 Operator : CG/JU
 Sample : PB136050BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB136050BS

Quant Time: Apr 29 01:10:29 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 28 17:58:02 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.610	152	61014	20.00	ng	0.00
21) Naphthalene-d8	10.386	136	216747	20.00	ng	0.00
39) Acenaphthene-d10	14.257	164	133497	20.00	ng	0.00
64) Phenanthrene-d10	17.004	188	268554	20.00	ng	0.00
76) Chrysene-d12	21.186	240	276123	20.00	ng	0.00
86) Perylene-d12	23.374	264	283378	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.210	112	441372	145.03	ng	0.00
7) Phenol-d6	6.793	99	535786	117.87	ng	0.00
23) Nitrobenzene-d5	8.763	82	345069	82.00	ng	0.00
42) 2,4,6-Tribromophenol	15.751	330	251105	136.01	ng	0.00
45) 2-Fluorobiphenyl	12.874	172	911436	92.67	ng	0.00
79) Terphenyl-d14	19.639	244	1273119	87.41	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.140	88	45495	37.08	ng	98
3) Pyridine	3.540	79	109452	35.00	ng	96
4) n-Nitrosodimethylamine	3.452	42	58524	38.14	ng	83
6) Aniline	6.945	93	180983	36.22	ng	95
8) 2-Chlorophenol	7.175	128	163012	43.08	ng	95
9) Benzaldehyde	6.757	77	113240	43.82	ng	95
10) Phenol	6.816	94	186141	42.26	ng	96
11) bis(2-Chloroethyl)ether	7.045	93	133264	39.66	ng	97
12) 1,3-Dichlorobenzene	7.498	146	198194	45.45	ng	97
13) 1,4-Dichlorobenzene	7.645	146	200792	44.97	ng	97
14) 1,2-Dichlorobenzene	7.957	146	193723	43.52	ng	98
15) Benzyl Alcohol	7.851	79	129989	39.36	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.134	45	144839	32.69	ng	99
17) 2-Methylphenol	8.057	107	125559	40.90	ng	96
18) Hexachloroethane	8.675	117	67255	41.71	ng	# 86
19) n-Nitroso-di-n-propyla...	8.416	70	107179	32.33	ng	91
20) 3+4-Methylphenols	8.387	107	166575	39.45	ng	96
22) Acetophenone	8.434	105	223136	42.94	ng	# 95
24) Nitrobenzene	8.804	77	163916	38.51	ng	96
25) Isophorone	9.334	82	276548	34.97	ng	98
26) 2-Nitrophenol	9.510	139	86765	42.77	ng	92
27) 2,4-Dimethylphenol	9.581	122	136619	48.09	ng	98
28) bis(2-Chloroethoxy)met...	9.816	93	166853	42.70	ng	99
29) 2,4-Dichlorophenol	10.045	162	164181	43.82	ng	96
30) 1,2,4-Trichlorobenzene	10.257	180	194867	45.15	ng	99
31) Naphthalene	10.439	128	475317	42.65	ng	99
32) Benzoic acid	9.728	122	74466	32.65	ng	95
33) 4-Chloroaniline	10.563	127	85759	19.51	ng	95
34) Hexachlorobutadiene	10.722	225	128275	46.68	ng	96
35) Caprolactam	11.339	113	39632	34.93	ng	# 80
36) 4-Chloro-3-methylphenol	11.692	107	137648	37.59	ng	98
37) 2-Methylnaphthalene	12.057	142	353135	39.58	ng	99
38) 1-Methylnaphthalene	12.280	142	324485	38.15	ng	100
40) 1,2,4,5-Tetrachloroben...	12.433	216	217110	54.24	ng	99
41) Hexachlorocyclopentadiene	12.410	237	269563	120.66	ng	98
43) 2,4,6-Trichlorophenol	12.680	196	134187	48.76	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.757	196	145631	47.93	ng	96
46) 1,1'-Biphenyl	13.086	154	458855	47.02	ng	98
47) 2-Chloronaphthalene	13.127	162	365807	46.84	ng	99
48) 2-Nitroaniline	13.339	65	82301	38.33	ng	91
49) Acenaphthylene	13.980	152	556034	46.44	ng	98
50) Dimethylphthalate	13.721	163	430147	42.63	ng	99
51) 2,6-Dinitrotoluene	13.845	165	95894	43.18	ng	# 84
52) Acenaphthene	14.321	154	332205	44.29	ng	97
53) 3-Nitroaniline	14.174	138	47562	24.62	ng	92
54) 2,4-Dinitrophenol	14.386	184	110905	78.43	ng	# 81
55) Dibenzofuran	14.657	168	539499	42.60	ng	97
56) 4-Nitrophenol	14.492	139	141031	85.84	ng	90
57) 2,4-Dinitrotoluene	14.633	165	129975	43.33	ng	90
58) Fluorene	15.310	166	440837	41.46	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.892	232	124131	45.92	ng	# 91
60) Diethylphthalate	15.092	149	399249	40.31	ng	98
61) 4-Chlorophenyl-phenyle...	15.310	204	228869	42.53	ng	98
62) 4-Nitroaniline	15.339	138	77791	36.07	ng	89
63) Azobenzene	15.598	77	334701	35.60	ng	94
65) 4,6-Dinitro-2-methylph...	15.398	198	71228	39.90	ng	93
66) n-Nitrosodiphenylamine	15.527	169	372888	44.92	ng	98
67) 4-Bromophenyl-phenylether	16.204	248	133508	47.61	ng	94
68) Hexachlorobenzene	16.315	284	156138	48.97	ng	93
69) Atrazine	16.480	200	139312	47.03	ng	97
70) Pentachlorophenol	16.662	266	192746	92.85	ng	98
71) Phenanthrene	17.045	178	670981	43.39	ng	100
72) Anthracene	17.139	178	695454	45.58	ng	99
73) Carbazole	17.409	167	599564	41.95	ng	99
74) Di-n-butylphthalate	17.980	149	633181	40.80	ng	99
75) Fluoranthene	19.062	202	791306	42.20	ng	99
77) Benzidine	19.256	184	399740	68.38	ng	99
78) Pyrene	19.427	202	821519	46.25	ng	99
80) Butylbenzylphthalate	20.339	149	278232	41.83	ng	91
81) Benzo(a)anthracene	21.174	228	768029	42.04	ng	99
82) 3,3'-Dichlorobenzidine	21.115	252	211983	36.32	ng	99
83) Chrysene	21.227	228	769331	42.86	ng	99
84) Bis(2-ethylhexyl)phtha...	21.115	149	397670	37.31	ng	100
85) Di-n-octyl phthalate	21.980	149	676649	37.83	ng	96
87) Indeno(1,2,3-cd)pyrene	25.568	276	1019275	46.52	ng	98
88) Benzo(b)fluoranthene	22.721	252	823467	44.56	ng	98
89) Benzo(k)fluoranthene	22.762	252	760410	41.06	ng	99
90) Benzo(a)pyrene	23.280	252	783739	45.17	ng	99
91) Dibenzo(a,h)anthracene	25.580	278	854061	45.21	ng	98
92) Benzo(g,h,i)perylene	26.238	276	864361	49.47	ng	99

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

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