

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082721\
 Data File : BM031925.D
 Acq On : 27 Aug 2021 13:11
 Operator : CG/JU
 Sample : PB138731BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB138731BS

Manual Integrations
 APPROVED

mohammad
 8/30/2021 10:34:47 AM

Quant Time: Aug 27 14:21:29 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 26 14:24:44 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.516	152	71665	20.000	ng	0.00
21) Naphthalene-d8	10.275	136	318818	20.000	ng	0.00
39) Acenaphthene-d10	14.157	164	210591	20.000	ng	0.00
64) Phenanthrene-d10	16.909	188	410880	20.000	ng	0.00
76) Chrysene-d12	21.121	240	345174	20.000	ng	0.00
86) Perylene-d12	23.262	264	291017	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.157	112	708482	157.902	ng	0.00
7) Phenol-d6	6.722	99	904563	140.599	ng	0.00
23) Nitrobenzene-d5	8.669	82	611031	86.693	ng	0.00
42) 2,4,6-Tribromophenol	15.662	330	326782	143.749	ng	0.00
45) 2-Fluorobiphenyl	12.769	172	1358542	87.245	ng	0.00
79) Terphenyl-d14	19.562	244	1988659	92.618	ng	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.163	88	58911	33.056	ng	# 88
3) Pyridine	3.540	79	145450m	31.082	ng	
4) n-Nitrosodimethylamine	3.463	42	111502	44.304	ng	# 62
6) Aniline	6.869	93	313792	45.639	ng	94
8) 2-Chlorophenol	7.087	128	243510	46.861	ng	96
9) Benzaldehyde	6.681	77	153073	44.847	ng	93
10) Phenol	6.745	94	309968	48.564	ng	93
11) bis(2-Chloroethyl)ether	6.963	93	219571	45.073	ng	97
12) 1,3-Dichlorobenzene	7.404	146	240880	43.700	ng	95
13) 1,4-Dichlorobenzene	7.545	146	246732	43.620	ng	99
14) 1,2-Dichlorobenzene	7.857	146	239246	43.720	ng	98
15) Benzyl Alcohol	7.769	79	234739	48.391	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.051	45	297999	44.554	ng	97
17) 2-Methylphenol	7.963	107	208780	48.320	ng	96
18) Hexachloroethane	8.563	117	101400	45.934	ng	99
19) n-Nitroso-di-n-propyla...	8.328	70	194872	42.746	ng	91
20) 3+4-Methylphenols	8.292	107	285340	47.808	ng	98
22) Acetophenone	8.339	105	383569	44.284	ng	93
24) Nitrobenzene	8.710	77	301002	42.009	ng	95
25) Isophorone	9.233	82	506001	40.797	ng	97
26) 2-Nitrophenol	9.410	139	133859	45.146	ng	# 83
27) 2,4-Dimethylphenol	9.475	122	236462	52.221	ng	99
28) bis(2-Chloroethoxy)met...	9.716	93	317274	48.645	ng	100
29) 2,4-Dichlorophenol	9.933	162	240149	47.256	ng	98
30) 1,2,4-Trichlorobenzene	10.139	180	240796	43.416	ng	97
31) Naphthalene	10.322	128	757397	42.904	ng	100
32) Benzoic acid	9.675	122	170888	47.010	ng	87
33) 4-Chloroaniline	10.451	127	147451	20.537	ng	97
34) Hexachlorobutadiene	10.598	225	144580	43.018	ng	97
35) Caprolactam	11.274	113	74209m	46.577	ng	
36) 4-Chloro-3-methylphenol	11.586	107	271763	45.703	ng	99
37) 2-Methylnaphthalene	11.945	142	561791	43.902	ng	96
38) 1-Methylnaphthalene	12.169	142	522102	42.750	ng	97
40) 1,2,4,5-Tetrachloroben...	12.321	216	269006	44.246	ng	99
41) Hexachlorocyclopentadiene	12.286	237	370384	131.490	ng	99
43) 2,4,6-Trichlorophenol	12.574	196	192037	44.413	ng	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.645	196	207892	44.259	ng	95
46) 1,1'-Biphenyl	12.980	154	702419	42.592	ng	99
47) 2-Chloronaphthalene	13.016	162	554249	42.640	ng	100
48) 2-Nitroaniline	13.245	65	186267	44.836	ng	90
49) Acenaphthylene	13.874	152	903679	44.005	ng	100
50) Dimethylphthalate	13.633	163	710919	43.687	ng	99
51) 2,6-Dinitrotoluene	13.757	165	154440	42.304	ng	# 78
52) Acenaphthene	14.221	154	533603	42.382	ng	97
53) 3-Nitroaniline	14.086	138	98054	27.311	ng	95
54) 2,4-Dinitrophenol	14.304	184	181965	89.306	ng	# 78
55) Dibenzofuran	14.563	168	861717	42.098	ng	97
56) 4-Nitrophenol	14.415	139	272775	94.928	ng	87
57) 2,4-Dinitrotoluene	14.557	165	222270	44.823	ng	85
58) Fluorene	15.215	166	719595	43.443	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.792	232	174549	43.890	ng	94
60) Diethylphthalate	15.010	149	776074	45.556	ng	98
61) 4-Chlorophenyl-phenyle...	15.215	204	352130	44.101	ng	96
62) 4-Nitroaniline	15.262	138	155381	44.228	ng	89
63) Azobenzene	15.509	77	803949	42.787	ng	92
65) 4,6-Dinitro-2-methylph...	15.321	198	113385	41.370	ng	83
66) n-Nitrosodiphenylamine	15.439	169	617278	44.614	ng	96
67) 4-Bromophenyl-phenylether	16.109	248	197563	45.181	ng	99
68) Hexachlorobenzene	16.215	284	212108	45.390	ng	90
69) Atrazine	16.404	200	223505	51.726	ng	97
70) Pentachlorophenol	16.568	266	285351	97.667	ng	97
71) Phenanthrene	16.956	178	1076920	44.127	ng	99
72) Anthracene	17.045	178	1099656	46.226	ng	100
73) Carbazole	17.327	167	988148	43.227	ng	98
74) Di-n-butylphthalate	17.898	149	1361396	49.599	ng	99
75) Fluoranthene	18.980	202	1189174	44.773	ng	99
77) Benzidine	19.186	184	717201	84.664	ng	98
78) Pyrene	19.345	202	1217565	44.377	ng	99
80) Butylbenzylphthalate	20.274	149	574395	49.268	ng	94
81) Benzo(a)anthracene	21.103	228	1079500	43.903	ng	99
82) 3,3'-Dichlorobenzidine	21.050	252	253467	37.212	ng	100
83) Chrysene	21.156	228	1038887	43.375	ng	100
84) Bis(2-ethylhexyl)phtha...	21.050	149	892163	52.975	ng	99
85) Di-n-octyl phthalate	21.909	149	1421261	53.423	ng	# 94
87) Indeno(1,2,3-cd)pyrene	25.379	276	947798	46.818	ng	97
88) Benzo(b)fluoranthene	22.633	252	963789	44.762	ng	99
89) Benzo(k)fluoranthene	22.674	252	929918	45.113	ng	99
90) Benzo(a)pyrene	23.174	252	895117	47.383	ng	99
91) Dibenzo(a,h)anthracene	25.385	278	818872	46.639	ng	# 95
92) Benzo(g,h,i)perylene	26.021	276	764896	46.253	ng	# 96

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

