

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082721\
 Data File : BM031928.D
 Acq On : 27 Aug 2021 15:17
 Operator : CG/JU
 Sample : M3528-02MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PT-3-082421MS

Manual Integrations
 APPROVED

mohammad
 8/30/2021 10:34:50 AM

Quant Time: Aug 27 16:35:28 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	82590	20.000	ng	0.00
21) Naphthalene-d8	10.275	136	355814	20.000	ng	0.00
39) Acenaphthene-d10	14.157	164	224555	20.000	ng	0.00
64) Phenanthrene-d10	16.910	188	432129	20.000	ng	0.00
76) Chrysene-d12	21.121	240	322575	20.000	ng	0.00
86) Perylene-d12	23.262	264	279871	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.158	112	625558	120.978	ng	0.00
7) Phenol-d6	6.716	99	739842	99.784	ng	0.00
23) Nitrobenzene-d5	8.669	82	626945	79.703	ng	0.00
42) 2,4,6-Tribromophenol	15.663	330	301096	124.213	ng	0.00
45) 2-Fluorobiphenyl	12.769	172	1342469	80.852	ng	0.00
79) Terphenyl-d14	19.563	244	1756930	87.559	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.175	88	68654	33.428	ng	Qvalue 18
3) Pyridine	3.558	79	145037	26.894	ng	92
4) n-Nitrosodimethylamine	3.469	42	106178	36.608	ng	# 64
6) Aniline	6.869	93	170004	21.455	ng	93
8) 2-Chlorophenol	7.087	128	244391	40.810	ng	94
9) Benzaldehyde	6.681	77	141085	34.824	ng	95
10) Phenol	6.740	94	268443	36.494	ng	91
11) bis(2-Chloroethyl)ether	6.963	93	240645	42.864	ng	96
12) 1,3-Dichlorobenzene	7.405	146	245830	38.699	ng	94
13) 1,4-Dichlorobenzene	7.552	146	255203	39.150	ng	98
14) 1,2-Dichlorobenzene	7.857	146	247832	39.298	ng	98
15) Benzyl Alcohol	7.769	79	253397	45.327	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.052	45	324323	42.075	ng	98
17) 2-Methylphenol	7.969	107	204624	41.094	ng	94
18) Hexachloroethane	8.563	117	100525	39.514	ng	99
19) n-Nitroso-di-n-propyla...	8.328	70	214670	40.859	ng	89
20) 3+4-Methylphenols	8.293	107	276463	40.193	ng	96
22) Acetophenone	8.340	105	412567	42.679	ng	# 91
24) Nitrobenzene	8.710	77	316989	39.641	ng	94
25) Isophorone	9.234	82	554642	40.069	ng	98
26) 2-Nitrophenol	9.410	139	134354	40.601	ng	# 81
27) 2,4-Dimethylphenol	9.475	122	234721	46.446	ng	99
28) bis(2-Chloroethoxy)met...	9.716	93	337197	46.324	ng	99
29) 2,4-Dichlorophenol	9.934	162	237652	41.902	ng	98
30) 1,2,4-Trichlorobenzene	10.140	180	246620	39.843	ng	96
31) Naphthalene	10.322	128	788126	40.002	ng	99
32) Benzoic acid	9.657	122	155724	38.385	ng	90
33) 4-Chloroaniline	10.457	127	62899	7.850	ng	95
34) Hexachlorobutadiene	10.598	225	145270	38.730	ng	97
35) Caprolactam	11.269	113	58174m	32.716	ng	
36) 4-Chloro-3-methylphenol	11.587	107	269161	40.559	ng	97
37) 2-Methylnaphthalene	11.940	142	588220	41.188	ng	95
38) 1-Methylnaphthalene	12.163	142	544381	39.940	ng	97
40) 1,2,4,5-Tetrachloroben...	12.316	216	276717	42.684	ng	99
41) Hexachlorocyclopentadiene	12.287	237	330169	109.924	ng	98
43) 2,4,6-Trichlorophenol	12.575	196	191475	41.529	ng	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.645	196	207681	41.465	ng	96
46) 1,1'-Biphenyl	12.981	154	726378	41.306	ng	99
47) 2-Chloronaphthalene	13.016	162	577471	41.664	ng	99
48) 2-Nitroaniline	13.245	65	193877	43.766	ng	88
49) Acenaphthylene	13.875	152	925857	42.281	ng	99
50) Dimethylphthalate	13.639	163	776113	44.727	ng	100
51) 2,6-Dinitrotoluene	13.757	165	162907	41.849	ng	# 78
52) Acenaphthene	14.222	154	553183	41.205	ng	97
53) 3-Nitroaniline	14.086	138	82136	21.455	ng	92
54) 2,4-Dinitrophenol	14.304	184	185867	85.548	ng	# 77
55) Dibenzofuran	14.557	168	891361	40.838	ng	97
56) 4-Nitrophenol	14.416	139	237949	77.659	ng	# 82
57) 2,4-Dinitrotoluene	14.551	165	229112	43.329	ng	# 85
58) Fluorene	15.216	166	736877	41.720	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.792	232	168330	39.694	ng	93
60) Diethylphthalate	15.010	149	807878	44.474	ng	99
61) 4-Chlorophenyl-phenyle...	15.216	204	362657	42.595	ng	96
62) 4-Nitroaniline	15.263	138	152090	40.599	ng	# 84
63) Azobenzene	15.510	77	820830	40.968	ng	91
65) 4,6-Dinitro-2-methylph...	15.322	198	112829	39.143	ng	83
66) n-Nitrosodiphenylamine	15.439	169	626199	43.034	ng	97
67) 4-Bromophenyl-phenylether	16.110	248	202485	44.030	ng	98
68) Hexachlorobenzene	16.216	284	212271	43.191	ng	# 89
69) Atrazine	16.404	200	220064	48.425	ng	96
70) Pentachlorophenol	16.569	266	269073	87.567	ng	98
71) Phenanthrene	16.957	178	1076900	41.956	ng	99
72) Anthracene	17.045	178	1094407	43.743	ng	100
73) Carbazole	17.327	167	967686	40.250	ng	98
74) Di-n-butylphthalate	17.898	149	1350585	46.785	ng	99
75) Fluoranthene	18.980	202	1131024	40.489	ng	98
77) Benzidine	19.186	184	353728	44.682	ng	98
78) Pyrene	19.345	202	1137542	44.365	ng	99
80) Butylbenzylphthalate	20.268	149	532829	48.905	ng	98
81) Benzo(a)anthracene	21.104	228	965014	41.997	ng	99
82) 3,3'-Dichlorobenzidine	21.051	252	156331	24.559	ng	99
83) Chrysene	21.157	228	933051	41.685	ng	99
84) Bis(2-ethylhexyl)phtha...	21.051	149	805949	51.209	ng	98
85) Di-n-octyl phthalate	21.909	149	1290778	51.917	ng	94
87) Indeno(1,2,3-cd)pyrene	25.380	276	891163	45.774	ng	96
88) Benzo(b)fluoranthene	22.627	252	889989	42.981	ng	98
89) Benzo(k)fluoranthene	22.674	252	840910	42.420	ng	99
90) Benzo(a)pyrene	23.174	252	818509	45.053	ng	98
91) Dibenzo(a,h)anthracene	25.386	278	769056	45.546	ng	# 96
92) Benzo(g,h,i)perylene	26.015	276	728135	45.783	ng	# 95

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

