

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121621\
 Data File : BM033494.D
 Acq On : 16 Dec 2021 21:01
 Operator : CG/JU
 Sample : PB141485BSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB141485BSD

Quant Time: Dec 17 08:01:17 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM121621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 16 17:10:15 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 12/17/2021
 Supervised By : Jagrut Upadhyay 12/17/2021

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.937	152	38794	20.000	ng	0.00
21) Naphthalene-d8	10.748	136	168909	20.000	ng	0.00
39) Acenaphthene-d10	14.583	164	109569	20.000	ng	0.00
64) Phenanthrene-d10	17.330	188	202624	20.000	ng	0.00
76) Chrysene-d12	21.512	240	125820	20.000	ng	0.00
86) Perylene-d12	23.930	264	93105	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.507	112	304630	135.498	ng	0.00
7) Phenol-d6	7.113	99	390081	129.290	ng	0.00
23) Nitrobenzene-d5	9.113	82	318833	81.049	ng	0.00
42) 2,4,6-Tribromophenol	16.077	330	136781	110.976	ng	0.00
45) 2-Fluorobiphenyl	13.207	172	645566	81.502	ng	0.00
79) Terphenyl-d14	19.953	244	747048	93.475	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.390	88	28907	34.264	ng	# 94
3) Pyridine	3.802	79	65165	27.209	ng	92
4) n-Nitrosodimethylamine	3.707	42	72487	42.551	ng	# 81
6) Aniline	7.272	93	124063	36.005	ng	97
8) 2-Chlorophenol	7.501	128	112020	45.962	ng	99
9) Benzaldehyde	7.084	77	15640m	4.838	ng	
10) Phenol	7.137	94	145522	47.743	ng	86
11) bis(2-Chloroethyl)ether	7.366	93	107266	44.662	ng	97
12) 1,3-Dichlorobenzene	7.825	146	123472m	41.700	ng	
13) 1,4-Dichlorobenzene	7.978	146	129610	42.654	ng	97
14) 1,2-Dichlorobenzene	8.290	146	124602	41.800	ng	99
15) Benzyl Alcohol	8.190	79	125480m	46.143	ng	
16) 2,2'-oxybis(1-Chloropr...	8.466	45	185665	43.477	ng	100
17) 2-Methylphenol	8.390	107	101277	46.754	ng	93
18) Hexachloroethane	9.019	117	53751	42.454	ng	95
19) n-Nitroso-di-n-propyla...	8.760	70	103775	43.628	ng	94
20) 3+4-Methylphenols	8.725	107	134835	46.663	ng	95
22) Acetophenone	8.772	105	183996	40.234	ng	# 91
24) Nitrobenzene	9.154	77	165405	42.806	ng	97
25) Isophorone	9.684	82	260383	40.883	ng	98
26) 2-Nitrophenol	9.866	139	61206	45.350	ng	# 93
27) 2,4-Dimethylphenol	9.925	122	110375	49.762	ng	96
28) bis(2-Chloroethoxy)met...	10.166	93	146071	41.755	ng	97
29) 2,4-Dichlorophenol	10.401	162	112820	44.595	ng	99
30) 1,2,4-Trichlorobenzene	10.613	180	129094	40.243	ng	98
31) Naphthalene	10.801	128	377389	41.245	ng	99
32) Benzoic acid	10.084	122	63628	41.557	ng	99
33) 4-Chloroaniline	10.925	127	40282	13.608	ng	99
34) Hexachlorobutadiene	11.078	225	84893	37.957	ng	99
35) Caprolactam	11.730	113	30145	60.316	ng	99
36) 4-Chloro-3-methylphenol	12.048	107	131236	40.416	ng	99
37) 2-Methylnaphthalene	12.413	142	274023	43.293	ng	96
38) 1-Methylnaphthalene	12.630	142	252047m	39.922	ng	
40) 1,2,4,5-Tetrachloroben...	12.777	216	139577	44.221	ng	# 97
41) Hexachlorocyclopentadiene	12.748	237	177398	129.965	ng	99
43) 2,4,6-Trichlorophenol	13.019	196	91930	43.556	ng	97

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44) 2,4,5-Trichlorophenol	13.095	196	97367	43.228	ng	95
46) 1,1'-Biphenyl	13.419	154	344210	42.425	ng	98
47) 2-Chloronaphthalene	13.460	162	273504	43.609	ng	98
48) 2-Nitroaniline	13.677	65	93464	43.743	ng	97
49) Acenaphthylene	14.307	152	425483	42.821	ng	98
50) Dimethylphthalate	14.048	163	326944	39.394	ng	98
51) 2,6-Dinitrotoluene	14.171	165	68521	43.685	ng	87
52) Acenaphthene	14.648	154	253421	41.994	ng	99
53) 3-Nitroaniline	14.507	138	38093	25.895	ng	98
54) 2,4-Dinitrophenol	14.707	184	70192	84.507	ng	89
55) Dibenzofuran	14.983	168	407654	39.861	ng	94
56) 4-Nitrophenol	14.813	139	94326	80.352	ng	# 77
57) 2,4-Dinitrotoluene	14.954	165	93748	43.704	ng	95
58) Fluorene	15.636	166	324767	39.570	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.213	232	80411	39.239	ng	94
60) Diethylphthalate	15.407	149	347858	38.977	ng	99
61) 4-Chlorophenyl-phenyle...	15.624	204	171011	40.134	ng	92
62) 4-Nitroaniline	15.665	138	56882	37.712	ng	# 77
63) Azobenzene	15.918	77	396674	39.619	ng	96
65) 4,6-Dinitro-2-methylph...	15.718	198	46924	45.537	ng	97
66) n-Nitrosodiphenylamine	15.848	169	275891	45.865	ng	99
67) 4-Bromophenyl-phenylether	16.524	248	96079	43.458	ng	93
68) Hexachlorobenzene	16.630	284	104737	44.120	ng	95
69) Atrazine	16.801	200	93954	73.670	ng	98
70) Pentachlorophenol	16.983	266	125368	94.079	ng	95
71) Phenanthrene	17.377	178	477893	42.376	ng	98
72) Anthracene	17.465	178	482126	43.730	ng	99
73) Carbazole	17.742	167	386666	39.724	ng	98
74) Di-n-butylphthalate	18.301	149	552790	40.851	ng	98
75) Fluoranthene	19.389	202	489168	37.707	ng	98
77) Benzidine	19.583	184	82013	139.408	ng	99
78) Pyrene	19.753	202	490879	49.447	ng	100
80) Butylbenzylphthalate	20.648	149	197606	44.476	ng	99
81) Benzo(a)anthracene	21.495	228	350798	41.599	ng	99
82) 3,3'-Dichlorobenzidine	21.430	252	90027	27.228	ng	97
83) Chrysene	21.547	228	349934	43.098	ng	100
84) Bis(2-ethylhexyl)phtha...	21.418	149	284891	43.749	ng	100
85) Di-n-octyl phthalate	22.353	149	440671	41.629	ng	99
87) Indeno(1,2,3-cd)pyrene	26.441	276	209734	48.860	ng	94
88) Benzo(b)fluoranthene	23.194	252	288261m	48.283	ng	
89) Benzo(k)fluoranthene	23.241	252	272345	45.098	ng	98
90) Benzo(a)pyrene	23.824	252	246129	55.090	ng	98
91) Dibenzo(a,h)anthracene	26.459	278	165185	51.304	ng	98
92) Benzo(g,h,i)perylene	27.206	276	212747	51.384	ng	# 95

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

