

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121621\
 Data File : BM033493.D
 Acq On : 16 Dec 2021 20:25
 Operator : CG/JU
 Sample : PB141485BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB141485BS

Manual Integrations
 APPROVED

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

Quant Time: Dec 17 08:00:59 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.937	152	38334	20.000	ng	0.00
21) Naphthalene-d8	10.748	136	162657	20.000	ng	0.00
39) Acenaphthene-d10	14.583	164	107495	20.000	ng	0.00
64) Phenanthrene-d10	17.330	188	197551	20.000	ng	0.00
76) Chrysene-d12	21.512	240	121112	20.000	ng	0.00
86) Perylene-d12	23.930	264	88172	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.507	112	295142	132.853	ng	0.00
7) Phenol-d6	7.113	99	380855	127.746	ng	0.00
23) Nitrobenzene-d5	9.113	82	309805	81.781	ng	0.00
42) 2,4,6-Tribromophenol	16.077	330	133295	110.234	ng	0.00
45) 2-Fluorobiphenyl	13.213	172	628185	80.838	ng	0.00
79) Terphenyl-d14	19.953	244	727324	94.545	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.390	88	26973	32.045	ng	# 92
3) Pyridine	3.802	79	60625	25.617	ng	# 87
4) n-Nitrosodimethylamine	3.707	42	69777	41.452	ng	88
6) Aniline	7.272	93	121451	35.670	ng	96
8) 2-Chlorophenol	7.501	128	109270	45.372	ng	99
9) Benzaldehyde	7.090	77	15639m	4.951	ng	
10) Phenol	7.137	94	141991	47.143	ng	86
11) bis(2-Chloroethyl)ether	7.366	93	101245	42.661	ng	99
12) 1,3-Dichlorobenzene	7.825	146	122012	41.702	ng	94
13) 1,4-Dichlorobenzene	7.972	146	125880	41.924	ng	98
14) 1,2-Dichlorobenzene	8.290	146	120707	40.980	ng	97
15) Benzyl Alcohol	8.190	79	121281m	45.134	ng	
16) 2,2'-oxybis(1-Chloropr...	8.472	45	180719	42.827	ng	98
17) 2-Methylphenol	8.390	107	98593	46.061	ng	# 91
18) Hexachloroethane	9.019	117	53396	42.680	ng	98
19) n-Nitroso-di-n-propyla...	8.760	70	101667	43.254	ng	93
20) 3+4-Methylphenols	8.725	107	130220	45.606	ng	93
22) Acetophenone	8.772	105	183303	41.624	ng	# 92
24) Nitrobenzene	9.154	77	161405	43.377	ng	99
25) Isophorone	9.684	82	251980	41.084	ng	98
26) 2-Nitrophenol	9.866	139	59646	45.893	ng	# 89
27) 2,4-Dimethylphenol	9.925	122	105913	49.586	ng	96
28) bis(2-Chloroethoxy)met...	10.166	93	141567	42.023	ng	97
29) 2,4-Dichlorophenol	10.401	162	109706	45.031	ng	99
30) 1,2,4-Trichlorobenzene	10.613	180	122325	39.598	ng	98
31) Naphthalene	10.801	128	364314	41.346	ng	99
32) Benzoic acid	10.084	122	61175	41.495	ng	95
33) 4-Chloroaniline	10.925	127	40181	14.096	ng	96
34) Hexachlorobutadiene	11.078	225	84705	39.328	ng	97
35) Caprolactam	11.730	113	29044	60.347	ng	98
36) 4-Chloro-3-methylphenol	12.048	107	127674	40.830	ng	96
37) 2-Methylnaphthalene	12.413	142	269057	44.143	ng	94
38) 1-Methylnaphthalene	12.630	142	245756	40.422	ng	99
40) 1,2,4,5-Tetrachloroben...	12.777	216	136948	44.225	ng	# 98
41) Hexachlorocyclopentadiene	12.748	237	173507	129.567	ng	98
43) 2,4,6-Trichlorophenol	13.019	196	89697	43.318	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.095	196	95779	43.343	ng	98
46) 1,1'-Biphenyl	13.424	154	334607	42.037	ng	98
47) 2-Chloronaphthalene	13.466	162	262632	42.684	ng	97
48) 2-Nitroaniline	13.677	65	91231	43.521	ng	95
49) Acenaphthylene	14.307	152	413835	42.452	ng	100
50) Dimethylphthalate	14.048	163	318270	39.089	ng	99
51) 2,6-Dinitrotoluene	14.172	165	64937	42.199	ng	# 82
52) Acenaphthene	14.648	154	247592	41.820	ng	99
53) 3-Nitroaniline	14.507	138	37456	25.953	ng	100
54) 2,4-Dinitrophenol	14.707	184	66315	81.641	ng	# 83
55) Dibenzofuran	14.983	168	399143	39.782	ng	93
56) 4-Nitrophenol	14.813	139	89888	78.163	ng	# 82
57) 2,4-Dinitrotoluene	14.954	165	89722	42.634	ng	# 89
58) Fluorene	15.636	166	316237	39.274	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.213	232	79951	39.767	ng	94
60) Diethylphthalate	15.407	149	340305	38.867	ng	97
61) 4-Chlorophenyl-phenyle...	15.630	204	165577	39.608	ng	97
62) 4-Nitroaniline	15.666	138	54361	36.803	ng	# 80
63) Azobenzene	15.918	77	386481	39.346	ng	95
65) 4,6-Dinitro-2-methylph...	15.718	198	45816	45.604	ng	95
66) n-Nitrosodiphenylamine	15.848	169	269004	45.868	ng	98
67) 4-Bromophenyl-phenylether	16.524	248	93314	43.292	ng	93
68) Hexachlorobenzene	16.630	284	102265	44.185	ng	95
69) Atrazine	16.801	200	91409	73.515	ng	94
70) Pentachlorophenol	16.983	266	121883	93.813	ng	98
71) Phenanthrene	17.377	178	463757	42.179	ng	99
72) Anthracene	17.465	178	466109	43.363	ng	99
73) Carbazole	17.742	167	369953	38.983	ng	98
74) Di-n-butylphthalate	18.301	149	534451	40.510	ng	# 98
75) Fluoranthene	19.389	202	474693	37.531	ng	98
77) Benzidine	19.583	184	81829	144.502	ng	98
78) Pyrene	19.753	202	472244	49.419	ng	99
80) Butylbenzylphthalate	20.648	149	192559	45.025	ng	97
81) Benzo(a)anthracene	21.495	228	336642	41.472	ng	99
82) 3,3'-Dichlorobenzidine	21.430	252	89844	28.229	ng	97
83) Chrysene	21.547	228	329721	42.187	ng	99
84) Bis(2-ethylhexyl)phtha...	21.418	149	272618	43.491	ng	100
85) Di-n-octyl phthalate	22.353	149	413964	40.626	ng	100
87) Indeno(1,2,3-cd)pyrene	26.435	276	203561	50.075	ng	# 93
88) Benzo(b)fluoranthene	23.194	252	262274	46.388	ng	98
89) Benzo(k)fluoranthene	23.241	252	266663	46.628	ng	# 97
90) Benzo(a)pyrene	23.824	252	232039	54.842	ng	98
91) Dibenzo(a,h)anthracene	26.453	278	159453	52.295	ng	98
92) Benzo(g,h,i)perylene	27.206	276	199898	50.981	ng	98

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

