

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071322\
 Data File : BM035789.D
 Acq On : 13 Jul 2022 10:29
 Operator : CG/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC010

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 07/14/2022
 Supervised By : Jagrut Upadhyay 07/14/2022

Quant Time: Jul 13 13:34:31 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM071322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 13 13:33:04 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	254241	20.000	ng	0.00
21) Naphthalene-d8	10.716	136	1045672	20.000	ng	0.00
39) Acenaphthene-d10	14.539	164	566471	20.000	ng	0.00
64) Phenanthrene-d10	17.274	188	1030679	20.000	ng	0.00
76) Chrysene-d12	21.451	240	976667	20.000	ng	0.00
86) Perylene-d12	23.833	264	983171	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	303639	20.253	ng	0.00
7) Phenol-d6	7.063	99	375049	18.052	ng	0.00
23) Nitrobenzene-d5	9.069	82	330520	17.177	ng	0.00
42) 2,4,6-Tribromophenol	16.021	330	92799	15.387	ng	0.00
45) 2-Fluorobiphenyl	13.175	172	794239	20.030	ng	0.00
79) Terphenyl-d14	19.898	244	941114	18.398	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.322	88	66425	11.616	ng	92
3) Pyridine	3.728	79	167010	10.443	ng	90
4) n-Nitrosodimethylamine	3.640	42	74092	10.037	ng	# 77
6) Aniline	7.228	93	214390	9.547	ng	93
8) 2-Chlorophenol	7.463	128	160116	9.303	ng	93
9) Benzaldehyde	7.040	77	117945m	11.308	ng	
10) Phenol	7.087	94	189964	9.412	ng	92
11) bis(2-Chloroethyl)ether	7.328	93	163213	10.089	ng	95
12) 1,3-Dichlorobenzene	7.793	146	187470	10.211	ng	97
13) 1,4-Dichlorobenzene	7.940	146	190500	10.135	ng	99
14) 1,2-Dichlorobenzene	8.257	146	186791	10.182	ng	98
15) Benzyl Alcohol	8.146	79	118810	8.536	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.445	45	213193	7.588	ng	96
17) 2-Methylphenol	8.351	107	124654	9.000	ng	95
18) Hexachloroethane	8.987	117	67403	9.999	ng	92
19) n-Nitroso-di-n-propyla...	8.716	70	107211	8.210	ng	90
20) 3+4-Methylphenols	8.675	107	162762	8.383	ng	95
22) Acetophenone	8.734	105	240480	9.495	ng	# 93
24) Nitrobenzene	9.110	77	162057	9.198	ng	99
25) Isophorone	9.640	82	258662	8.266	ng	# 98
26) 2-Nitrophenol	9.822	139	47076	5.221	ng	93
27) 2,4-Dimethylphenol	9.887	122	114289	8.650	ng	98
28) bis(2-Chloroethoxy)met...	10.128	93	194358	8.927	ng	99
29) 2,4-Dichlorophenol	10.357	162	119369	8.107	ng	98
30) 1,2,4-Trichlorobenzene	10.575	180	162007	9.897	ng	98
31) Naphthalene	10.763	128	512698	9.789	ng	99
32) Benzoic acid	9.951	122	40774	3.590	ng	90
33) 4-Chloroaniline	10.875	127	192514	9.034	ng	96
34) Hexachlorobutadiene	11.051	225	95157	10.330	ng	98
35) Caprolactam	11.622	113	25220	5.053	ng	91
36) 4-Chloro-3-methylphenol	11.992	107	115922	6.945	ng	97
37) 2-Methylnaphthalene	12.375	142	323758	8.976	ng	97
38) 1-Methylnaphthalene	12.592	142	314090	8.909	ng	98
40) 1,2,4,5-Tetrachloroben...	12.733	216	159803	10.009	ng	98
41) Hexachlorocyclopentadiene	12.716	237	81539	15.609	ng	95
43) 2,4,6-Trichlorophenol	12.975	196	82770	7.558	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071322\
 Data File : BM035789.D
 Acq On : 13 Jul 2022 10:29
 Operator : CG/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC010

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 07/14/2022
 Supervised By : Jagrut Upadhyay 07/14/2022

Quant Time: Jul 13 13:34:31 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM071322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 13 13:33:04 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.039	196	91792	7.770	ng	97
46) 1,1'-Biphenyl	13.380	154	420497	9.531	ng	98
47) 2-Chloronaphthalene	13.422	162	322185	9.710	ng	99
48) 2-Nitroaniline	13.622	65	55485	5.524	ng	90
49) Acenaphthylene	14.263	152	463340	8.915	ng	99
50) Dimethylphthalate	14.004	163	329330	7.900	ng	100
51) 2,6-Dinitrotoluene	14.116	165	57552	6.595	ng	97
52) Acenaphthene	14.604	154	288916	9.543	ng	98
53) 3-Nitroaniline	14.439	138	65284	6.971	ng	# 94
54) 2,4-Dinitrophenol	14.639	184	16531	3.618	ng	90
55) Dibenzofuran	14.939	168	468282	9.655	ng	95
56) 4-Nitrophenol	14.739	139	43206	6.792	ng	83
57) 2,4-Dinitrotoluene	14.898	165	63623	5.741	ng	97
58) Fluorene	15.580	166	351304	9.271	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.157	232	70551	7.509	ng	97
60) Diethylphthalate	15.363	149	309831	7.595	ng	100
61) 4-Chlorophenyl-phenyle...	15.580	204	175946	9.596	ng	99
62) 4-Nitroaniline	15.598	138	62592	6.906	ng	93
63) Azobenzene	15.874	77	333424	8.629	ng	95
65) 4,6-Dinitro-2-methylph...	15.651	198	24662	3.800	ng	93
66) n-Nitrosodiphenylamine	15.792	169	282846	9.215	ng	99
67) 4-Bromophenyl-phenylether	16.474	248	98956	9.305	ng	93
68) Hexachlorobenzene	16.574	284	118817	10.219	ng	94
69) Atrazine	16.745	200	72092	7.737	ng	99
70) Pentachlorophenol	16.921	266	46387	7.577	ng	95
71) Phenanthrene	17.321	178	518594	9.481	ng	100
72) Anthracene	17.410	178	478273	8.961	ng	99
73) Carbazole	17.680	167	470761	9.097	ng	99
74) Di-n-butylphthalate	18.257	149	414229	6.692	ng	100
75) Fluoranthene	19.327	202	538768	9.485	ng	98
77) Benzidine	19.515	184	137644	7.667	ng	99
78) Pyrene	19.692	202	566589	8.265	ng	99
80) Butylbenzylphthalate	20.604	149	135263	4.454	ng	98
81) Benzo(a)anthracene	21.439	228	567707	9.330	ng	99
82) 3,3'-Dichlorobenzidine	21.374	252	112750	8.049	ng	99
83) Chrysene	21.486	228	561347	9.551	ng	100
84) Bis(2-ethylhexyl)phtha...	21.386	149	230106	5.283	ng	100
85) Di-n-octyl phthalate	22.309	149	364489	5.151	ng	99
87) Indeno(1,2,3-cd)pyrene	26.309	276	647418	9.532	ng	98
88) Benzo(b)fluoranthene	23.103	252	547926	9.461	ng	98
89) Benzo(k)fluoranthene	23.156	252	555366	9.473	ng	99
90) Benzo(a)pyrene	23.727	252	443174	9.070	ng	99
91) Dibenzo(a,h)anthracene	26.333	278	547956	9.752	ng	99
92) Benzo(g,h,i)perylene	27.068	276	543202	9.719	ng	98

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

