

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081623\
 Data File : BM041421.D
 Acq On : 16 Aug 2023 12:48
 Operator : MA/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

SSTDICC020

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/17/2023

Supervised By :mohammad ahmed 08/17/2023

Quant Time: Aug 16 17:14:51 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081623.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Aug 16 16:44:10 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	142231	20.000	ng	0.00
21) Naphthalene-d8	10.563	136	515586	20.000	ng	0.00
39) Acenaphthene-d10	14.427	164	306587	20.000	ng	0.00
64) Phenanthrene-d10	17.186	188	643954	20.000	ng	0.00
76) Chrysene-d12	21.392	240	638430	20.000	ng	0.00
86) Perylene-d12	23.750	264	744790	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	373641	43.702	ng	0.00
7) Phenol-d6	6.945	99	471754	40.635	ng	0.00
23) Nitrobenzene-d5	8.939	82	452723	41.916	ng	0.00
42) 2,4,6-Tribromophenol	15.927	330	191757	39.413	ng	0.00
45) 2-Fluorobiphenyl	13.045	172	970600	42.423	ng	0.00
79) Terphenyl-d14	19.827	244	1403438	38.253	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.246	88	81001	22.300	ng	99
3) Pyridine	3.652	79	199197	21.286	ng	98
4) n-Nitrosodimethylamine	3.569	42	89320	20.175	ng	100
6) Aniline	7.104	93	277493	20.100	ng	99
8) 2-Chlorophenol	7.328	128	183040	20.721	ng	99
9) Benzaldehyde	6.922	77	135328m	20.785	ng	
10) Phenol	6.975	94	229895	20.496	ng	99
11) bis(2-Chloroethyl)ether	7.204	93	181688	20.248	ng	100
12) 1,3-Dichlorobenzene	7.645	146	208368	21.224	ng	98
13) 1,4-Dichlorobenzene	7.798	146	209481	21.104	ng	99
14) 1,2-Dichlorobenzene	8.116	146	199804	20.854	ng	98
15) Benzyl Alcohol	8.022	79	157311	19.087	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.304	45	215803	20.070	ng	99
17) 2-Methylphenol	8.222	107	160372	20.001	ng	99
18) Hexachloroethane	8.828	117	79604	21.119	ng	97
19) n-Nitroso-di-n-propyla...	8.581	70	149335	18.750	ng	98
20) 3+4-Methylphenols	8.557	107	215799	19.596	ng	98
22) Acetophenone	8.604	105	277808	20.909	ng	# 98
24) Nitrobenzene	8.981	77	227032	21.051	ng	98
25) Isophorone	9.504	82	383496	19.398	ng	99
26) 2-Nitrophenol	9.692	139	96212	20.432	ng	99
27) 2,4-Dimethylphenol	9.757	122	155162	20.464	ng	97
28) bis(2-Chloroethoxy)met...	9.992	93	230405	20.023	ng	98
29) 2,4-Dichlorophenol	10.228	162	171344	20.628	ng	99
30) 1,2,4-Trichlorobenzene	10.428	180	196965	21.355	ng	99
31) Naphthalene	10.616	128	560374	20.904	ng	100
32) Benzoic acid	9.904	122	106423	17.476	ng	99
33) 4-Chloroaniline	10.751	127	225731	19.946	ng	98
34) Hexachlorobutadiene	10.886	225	127731	20.941	ng	96
35) Caprolactam	11.551	113	46973	18.241	ng	95
36) 4-Chloro-3-methylphenol	11.886	107	171405	19.389	ng	99
37) 2-Methylnaphthalene	12.233	142	386150	19.797	ng	99
38) 1-Methylnaphthalene	12.457	142	360993	19.589	ng	99
40) 1,2,4,5-Tetrachloroben...	12.604	216	214748	21.469	ng	99
41) Hexachlorocyclopentadiene	12.569	237	84850	20.746	ng	99
43) 2,4,6-Trichlorophenol	12.863	196	139558	20.847	ng	99

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44) 2,4,5-Trichlorophenol	12.939	196	161208	20.802	ng	98
46) 1,1'-Biphenyl	13.257	154	487693	21.078	ng	99
47) 2-Chloronaphthalene	13.298	162	374714	21.071	ng	99
48) 2-Nitroaniline	13.527	65	115898	19.946	ng	98
49) Acenaphthylene	14.151	152	601803	20.883	ng	100
50) Dimethylphthalate	13.898	163	479304	20.021	ng	100
51) 2,6-Dinitrotoluene	14.027	165	101321	19.748	ng	96
52) Acenaphthene	14.492	154	355288	20.614	ng	98
53) 3-Nitroaniline	14.363	138	101229	19.784	ng	100
54) 2,4-Dinitrophenol	14.586	184	55368	17.253	ng	94
55) Dibenzofuran	14.827	168	592538	20.502	ng	99
56) 4-Nitrophenol	14.692	139	68366	17.744	ng	95
57) 2,4-Dinitrotoluene	14.821	165	134771	19.221	ng	99
58) Fluorene	15.480	166	466995	20.162	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.063	232	131254	19.929	ng	100
60) Diethylphthalate	15.263	149	465790	19.474	ng	98
61) 4-Chlorophenyl-phenyle...	15.474	204	250405	20.052	ng	99
62) 4-Nitroaniline	15.533	138	89464	19.166	ng	100
63) Azobenzene	15.768	77	479880	19.912	ng	99
65) 4,6-Dinitro-2-methylph...	15.592	198	81962	19.883	ng	97
66) n-Nitrosodiphenylamine	15.698	169	397512	20.971	ng	99
67) 4-Bromophenyl-phenylether	16.374	248	154218	20.898	ng	99
68) Hexachlorobenzene	16.480	284	167806	20.837	ng	98
69) Atrazine	16.662	200	118857	22.095	ng	97
70) Pentachlorophenol	16.845	266	115842	20.542	ng	98
71) Phenanthrene	17.227	178	709204	20.864	ng	100
72) Anthracene	17.321	178	717437	20.814	ng	99
73) Carbazole	17.604	167	636073	20.739	ng	99
74) Di-n-butylphthalate	18.162	149	768457	19.945	ng	99
75) Fluoranthene	19.256	202	842433	20.816	ng	99
77) Benzidine	19.468	184	153892	21.029	ng	100
78) Pyrene	19.621	202	884909	19.381	ng	99
80) Butylbenzylphthalate	20.527	149	348129	19.036	ng	100
81) Benzo(a)anthracene	21.380	228	891676	20.452	ng	100
82) 3,3'-Dichlorobenzidine	21.321	252	305487	21.665	ng	98
83) Chrysene	21.433	228	851080	20.537	ng	99
84) Bis(2-ethylhexyl)phtha...	21.297	149	505230	19.446	ng	99
85) Di-n-octyl phthalate	22.215	149	875512	20.609	ng	99
87) Indeno(1,2,3-cd)pyrene	26.191	276	1091512	22.509	ng	100
88) Benzo(b)fluoranthene	23.039	252	860231	19.384	ng	99
89) Benzo(k)fluoranthene	23.086	252	912897	20.349	ng	100
90) Benzo(a)pyrene	23.650	252	860801	20.365	ng	98
91) Dibenzo(a,h)anthracene	26.203	278	912698	22.379	ng	100
92) Benzo(g,h,i)perylene	26.938	276	897262	22.758	ng	99

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

