

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081723\
 Data File : BM041429.D
 Acq On : 17 Aug 2023 09:32
 Operator : MA/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/18/2023

Supervised By :mohammad ahmed 08/18/2023

Quant Time: Aug 17 17:53:23 2023

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

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Aug 17 02:13:45 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	160708	20.000	ng	0.00
21) Naphthalene-d8	10.563	136	606070	20.000	ng	0.00
39) Acenaphthene-d10	14.427	164	363941	20.000	ng	0.00
64) Phenanthrene-d10	17.186	188	744219	20.000	ng	0.00
76) Chrysene-d12	21.392	240	628589	20.000	ng	0.00
86) Perylene-d12	23.750	264	669605	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	809222	83.767	ng	0.00
7) Phenol-d6	6.946	99	1064467	81.147	ng	0.00
23) Nitrobenzene-d5	8.939	82	1032926	81.357	ng	0.00
42) 2,4,6-Tribromophenol	15.927	330	446738	77.350	ng	0.00
45) 2-Fluorobiphenyl	13.045	172	2291617	84.377	ng	0.00
79) Terphenyl-d14	19.821	244	3014736	83.459	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.246	88	169876	41.390	ng	98
3) Pyridine	3.652	79	449383	41.442	ng	98
4) n-Nitrosodimethylamine	3.569	42	202420	40.486	ng	99
6) Aniline	7.104	93	627035	40.198	ng	99
8) 2-Chlorophenol	7.328	128	407806	40.859	ng	99
9) Benzaldehyde	6.916	77	271876m	37.539	ng	
10) Phenol	6.975	94	514646	40.607	ng	97
11) bis(2-Chloroethyl)ether	7.198	93	410211	40.459	ng	98
12) 1,3-Dichlorobenzene	7.645	146	453823	40.911	ng	99
13) 1,4-Dichlorobenzene	7.798	146	461179	41.120	ng	98
14) 1,2-Dichlorobenzene	8.110	146	440341	40.676	ng	100
15) Benzyl Alcohol	8.022	79	378949	40.692	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.287	45	478624m	39.345	ng	
17) 2-Methylphenol	8.222	107	365883	40.385	ng	99
18) Hexachloroethane	8.828	117	173863	40.823	ng	98
19) n-Nitroso-di-n-propyla...	8.587	70	346045	38.453	ng	99
20) 3+4-Methylphenols	8.557	107	498758	40.083	ng	100
22) Acetophenone	8.598	105	634879	40.650	ng	# 100
24) Nitrobenzene	8.981	77	523201	41.269	ng	98
25) Isophorone	9.504	82	911697	39.231	ng	100
26) 2-Nitrophenol	9.687	139	232098	41.930	ng	98
27) 2,4-Dimethylphenol	9.751	122	358425	40.214	ng	97
28) bis(2-Chloroethoxy)met...	9.992	93	536000	39.626	ng	99
29) 2,4-Dichlorophenol	10.222	162	401478	41.117	ng	99
30) 1,2,4-Trichlorobenzene	10.428	180	451406	41.636	ng	99
31) Naphthalene	10.616	128	1269149	40.276	ng	99
32) Benzoic acid	9.945	122	274474	38.342	ng	100
33) 4-Chloroaniline	10.745	127	538622	40.487	ng	99
34) Hexachlorobutadiene	10.881	225	298774	41.670	ng	97
35) Caprolactam	11.575	113	110172	36.396	ng	98
36) 4-Chloro-3-methylphenol	11.880	107	406814	39.148	ng	99
37) 2-Methylnaphthalene	12.233	142	907918	39.597	ng	99
38) 1-Methylnaphthalene	12.451	142	849760	39.228	ng	100
40) 1,2,4,5-Tetrachloroben...	12.604	216	508462	42.822	ng	99
41) Hexachlorocyclopentadiene	12.563	237	244890	41.275	ng	100
43) 2,4,6-Trichlorophenol	12.857	196	337443	42.464	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.933	196	390603	42.460	ng	98
46) 1,1'-Biphenyl	13.257	154	1136233	41.368	ng	99
47) 2-Chloronaphthalene	13.298	162	882807	41.819	ng	100
48) 2-Nitroaniline	13.527	65	278748	40.411	ng	96
49) Acenaphthylene	14.145	152	1397369	40.849	ng	99
50) Dimethylphthalate	13.898	163	1119802	39.404	ng	100
51) 2,6-Dinitrotoluene	14.027	165	243262	39.942	ng	99
52) Acenaphthene	14.492	154	832204	40.675	ng	99
53) 3-Nitroaniline	14.363	138	245428	40.407	ng	97
54) 2,4-Dinitrophenol	14.580	184	147486	38.716	ng	94
55) Dibenzofuran	14.827	168	1385493	40.384	ng	99
56) 4-Nitrophenol	14.686	139	172285	37.669	ng	98
57) 2,4-Dinitrotoluene	14.821	165	330117	39.661	ng	95
58) Fluorene	15.480	166	1087806	39.563	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.063	232	310221	39.679	ng	99
60) Diethylphthalate	15.263	149	1080371	38.050	ng	99
61) 4-Chlorophenyl-phenyle...	15.474	204	595009	40.139	ng	99
62) 4-Nitroaniline	15.533	138	214732	38.753	ng	98
63) Azobenzene	15.768	77	1114209	38.948	ng	99
65) 4,6-Dinitro-2-methylph...	15.586	198	206101	43.262	ng	99
66) n-Nitrosodiphenylamine	15.698	169	919798	41.986	ng	98
67) 4-Bromophenyl-phenylether	16.374	248	360000	42.212	ng	97
68) Hexachlorobenzene	16.480	284	388890	41.785	ng	98
69) Atrazine	16.657	200	252017	40.538	ng	98
70) Pentachlorophenol	16.839	266	270036	41.434	ng	100
71) Phenanthrene	17.227	178	1590164	40.478	ng	100
72) Anthracene	17.321	178	1623566	40.756	ng	99
73) Carbazole	17.604	167	1416850	39.973	ng	100
74) Di-n-butylphthalate	18.157	149	1715206	38.519	ng	100
75) Fluoranthene	19.251	202	1810712	38.714	ng	99
77) Benzidine	19.456	184	377194	52.350	ng	99
78) Pyrene	19.621	202	1878875	41.795	ng	99
80) Butylbenzylphthalate	20.527	149	707872	39.314	ng	97
81) Benzo(a)anthracene	21.374	228	1739293	40.519	ng	99
82) 3,3'-Dichlorobenzidine	21.315	252	585379	42.164	ng	99
83) Chrysene	21.427	228	1657558	40.624	ng	99
84) Bis(2-ethylhexyl)phtha...	21.297	149	984965	38.504	ng	99
85) Di-n-octyl phthalate	22.209	149	1599439	38.239	ng	99
87) Indeno(1,2,3-cd)pyrene	26.185	276	1929643	44.261	ng	99
88) Benzo(b)fluoranthene	23.033	252	1610496	40.354	ng	99
89) Benzo(k)fluoranthene	23.080	252	1631306	40.446	ng	99
90) Benzo(a)pyrene	23.644	252	1566593	41.224	ng	100
91) Dibenzo(a,h)anthracene	26.197	278	1616058	44.075	ng	99
92) Benzo(g,h,i)perylene	26.932	276	1589595	44.846	ng	99

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

