

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103023\
 Data File : BM042495.D
 Acq On : 30 Oct 2023 15:18
 Operator : MA/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

SSTDICC080

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/31/2023

Supervised By :mohammad ahmed 10/31/2023

Quant Time: Oct 30 16:32:39 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Oct 30 16:30:31 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	80733	20.000	ng	0.00
21) Naphthalene-d8	10.751	136	340800	20.000	ng	0.00
39) Acenaphthene-d10	14.580	164	208557	20.000	ng	0.00
64) Phenanthrene-d10	17.327	188	460151	20.000	ng	0.00
76) Chrysene-d12	21.509	240	426842	20.000	ng	0.00
86) Perylene-d12	23.927	264	428143	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	853023	170.522	ng	0.00
7) Phenol-d6	7.104	99	1186891	173.001	ng	0.00
23) Nitrobenzene-d5	9.139	82	1308887	179.037	ng	0.00
42) 2,4,6-Tribromophenol	16.080	330	503979	185.090	ng	0.00
45) 2-Fluorobiphenyl	13.204	172	2716801	175.287	ng	0.00
79) Terphenyl-d14	19.945	244	4752142	188.776	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.322	88	190462	79.892	ng	98
3) Pyridine	3.757	79	570622m	85.035	ng	
4) n-Nitrosodimethylamine	3.675	42	283688	86.198	ng	97
6) Aniline	7.281	93	756952	86.800	ng	99
8) 2-Chlorophenol	7.492	128	463433	85.916	ng	98
9) Benzaldehyde	7.092	77	279926	70.795	ng	98
10) Phenol	7.134	94	603298	86.585	ng	99
11) bis(2-Chloroethyl)ether	7.375	93	492890	83.617	ng	98
12) 1,3-Dichlorobenzene	7.810	146	490846	84.199	ng	99
13) 1,4-Dichlorobenzene	7.969	146	498181	84.439	ng	97
14) 1,2-Dichlorobenzene	8.281	146	480234	84.309	ng	96
15) Benzyl Alcohol	8.204	79	464139	95.560	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.463	45	784964m	83.338	ng	
17) 2-Methylphenol	8.386	107	435329	88.237	ng	98
18) Hexachloroethane	8.992	117	200903	87.028	ng	98
19) n-Nitroso-di-n-propyla...	8.763	70	442846	91.247	ng	99
20) 3+4-Methylphenols	8.722	107	597270	90.549	ng	99
22) Acetophenone	8.786	105	753563	87.673	ng	# 99
24) Nitrobenzene	9.181	77	631739	87.733	ng	97
25) Isophorone	9.704	82	1172179	90.587	ng	100
26) 2-Nitrophenol	9.875	139	262013	82.814	ng	98
27) 2,4-Dimethylphenol	9.922	122	441539	88.481	ng	97
28) bis(2-Chloroethoxy)met...	10.175	93	680615	87.307	ng	98
29) 2,4-Dichlorophenol	10.398	162	450610	91.997	ng	99
30) 1,2,4-Trichlorobenzene	10.598	180	467859	87.159	ng	98
31) Naphthalene	10.804	128	1517870	86.206	ng	99
33) 4-Chloroaniline	10.945	127	636347	92.688	ng	98
34) Hexachlorobutadiene	11.028	225	289556	88.846	ng	99
35) Caprolactam	11.827	113	160181	93.078	ng	99
36) 4-Chloro-3-methylphenol	12.051	107	521030	93.470	ng	99
37) 2-Methylnaphthalene	12.404	142	1097516	88.507	ng	99
38) 1-Methylnaphthalene	12.627	142	1035259	88.696	ng	99
40) 1,2,4,5-Tetrachloroben...	12.757	216	560805	90.008	ng	99
41) Hexachlorocyclopentadiene	12.698	237	311433	83.805	ng	99
43) 2,4,6-Trichlorophenol	13.016	196	371153	93.005	ng	98
44) 2,4,5-Trichlorophenol	13.086	196	438746	92.390	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.416	154	1388189	87.075	ng	100
47) 2-Chloronaphthalene	13.469	162	1014374	86.732	ng	100
48) 2-Nitroaniline	13.710	65	408771	83.151	ng	96
49) Acenaphthylene	14.310	152	1718372	88.715	ng	99
50) Dimethylphthalate	14.057	163	1375182	88.222	ng	99
51) 2,6-Dinitrotoluene	14.198	165	294648	91.717	ng	99
52) Acenaphthene	14.645	154	1032213	87.807	ng	98
53) 3-Nitroaniline	14.539	138	310127	82.631	ng	96
54) 2,4-Dinitrophenol	14.739	184	189706	82.907	ng	97
55) Dibenzofuran	14.980	168	1689610	88.401	ng	100
56) 4-Nitrophenol	14.833	139	242138	82.690	ng	96
57) 2,4-Dinitrotoluene	14.980	165	420838	83.265	ng	94
58) Fluorene	15.627	166	1374237	88.865	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.198	232	368165	92.045	ng	98
60) Diethylphthalate	15.398	149	1408271	89.176	ng	100
61) 4-Chlorophenyl-phenyle...	15.621	204	719356	92.076	ng	96
62) 4-Nitroaniline	15.704	138	281669	82.808	ng	96
63) Azobenzene	15.915	77	1553727	89.283	ng	98
65) 4,6-Dinitro-2-methylph...	15.727	198	257456	82.288	ng	99
66) n-Nitrosodiphenylamine	15.851	169	1150181	88.649	ng	98
67) 4-Bromophenyl-phenylether	16.515	248	428301	93.085	ng	98
68) Hexachlorobenzene	16.598	284	458202	90.015	ng	97
69) Atrazine	16.798	200	307906	82.129	ng	100
70) Pentachlorophenol	16.962	266	348796	93.204	ng	99
71) Phenanthrene	17.374	178	2132163	88.666	ng	100
72) Anthracene	17.468	178	2167936	91.019	ng	100
74) Di-n-butylphthalate	18.274	149	2521109	92.652	ng	99
75) Fluoranthene	19.386	202	2623352	92.870	ng	99
77) Benzidine	19.598	184	325180	79.522	ng	100
78) Pyrene	19.750	202	2748911	93.788	ng	99
80) Butylbenzylphthalate	20.633	149	1181332	94.368	ng	99
81) Benzo(a)anthracene	21.492	228	2536616	93.402	ng	99
82) 3,3'-Dichlorobenzidine	21.439	252	771668	89.404	ng	98
83) Chrysene	21.550	228	2437771	88.367	ng	100
84) Bis(2-ethylhexyl)phtha...	21.380	149	1706510	90.200	ng	97
85) Di-n-octyl phthalate	22.309	149	2874225	88.262	ng	99
87) Indeno(1,2,3-cd)pyrene	26.479	276	2421984	95.047	ng	96
88) Benzo(b)fluoranthene	23.186	252	2232412	93.591	ng	99
89) Benzo(k)fluoranthene	23.238	252	2422072	91.126	ng	98
90) Benzo(a)pyrene	23.827	252	2172330	92.504	ng	98
91) Dibenzo(a,h)anthracene	26.491	278	2053734	83.914	ng	97
92) Benzo(g,h,i)perylene	27.274	276	2063387	91.874	ng	98

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

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