

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM073123\
 Data File : BM041181.D
 Acq On : 31 Jul 2023 10:00
 Operator : MA/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

Quant Time: Jul 31 16:30:51 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 31 16:29:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.798	152	167039	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	618355	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	343912	20.000	ng	0.00
64) Phenanthrene-d10	17.221	188	695974	20.000	ng	0.00
76) Chrysene-d12	21.427	240	649582	20.000	ng	0.00
86) Perylene-d12	23.797	264	732286	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	880433	78.777	ng	0.00
7) Phenol-d6	6.975	99	1144894	79.028	ng	0.00
23) Nitrobenzene-d5	8.975	82	1038949	78.136	ng	0.00
42) 2,4,6-Tribromophenol	15.963	330	410304	84.347	ng	0.00
45) 2-Fluorobiphenyl	13.086	172	2168750	79.662	ng	0.00
79) Terphenyl-d14	19.862	244	3054962	85.032	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.263	88	178355	37.304	ng	98
3) Pyridine	3.669	79	499413	39.727	ng	98
4) n-Nitrosodimethylamine	3.587	42	212106	36.481	ng	93
6) Aniline	7.134	93	678329	40.009	ng	99
8) 2-Chlorophenol	7.363	128	436359	39.994	ng	99
9) Benzaldehyde	6.945	77	302071m	39.516	ng	
10) Phenol	7.004	94	555757	39.719	ng	99
11) bis(2-Chloroethyl)ether	7.234	93	447285	39.491	ng	98
12) 1,3-Dichlorobenzene	7.681	146	471286	39.682	ng	99
13) 1,4-Dichlorobenzene	7.834	146	479093	40.134	ng	99
14) 1,2-Dichlorobenzene	8.151	146	453600	39.630	ng	99
15) Benzyl Alcohol	8.051	79	370615	40.510	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.339	45	560171m	37.120	ng	
17) 2-Methylphenol	8.257	107	383751	40.144	ng	100
18) Hexachloroethane	8.869	117	175422	39.472	ng	94
19) n-Nitroso-di-n-propyla...	8.622	70	350539	39.837	ng	97
20) 3+4-Methylphenols	8.587	107	520958	40.759	ng	99
22) Acetophenone	8.634	105	648260	39.584	ng	# 99
24) Nitrobenzene	9.016	77	524713	39.022	ng	99
25) Isophorone	9.545	82	921015	40.805	ng	99
26) 2-Nitrophenol	9.728	139	229976	43.750	ng	96
27) 2,4-Dimethylphenol	9.792	122	383119	41.419	ng	99
28) bis(2-Chloroethoxy)met...	10.028	93	564723	39.942	ng	99
29) 2,4-Dichlorophenol	10.257	162	395308	42.379	ng	100
30) 1,2,4-Trichlorobenzene	10.469	180	426367	41.371	ng	99
31) Naphthalene	10.657	128	1328242	39.583	ng	99
32) Benzoic acid	9.945	122	284079	41.951	ng	99
33) 4-Chloroaniline	10.781	127	561314	41.858	ng	99
34) Hexachlorobutadiene	10.928	225	261907	42.254	ng	99
35) Caprolactam	11.598	113	114745	42.523	ng	89
36) 4-Chloro-3-methylphenol	11.916	107	409753	41.735	ng	99
37) 2-Methylnaphthalene	12.275	142	922478	40.777	ng	99
38) 1-Methylnaphthalene	12.498	142	858494	40.546	ng	100
40) 1,2,4,5-Tetrachloroben...	12.645	216	459123	41.114	ng	99
41) Hexachlorocyclopentadiene	12.610	237	217388	36.796	ng	100
43) 2,4,6-Trichlorophenol	12.892	196	307695	42.989	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM073123\
 Data File : BM041181.D
 Acq On : 31 Jul 2023 10:00
 Operator : MA/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Yogesh
 Patel

Quant Time: Jul 31 16:30:51 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Jul 31 16:29:28 2023

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	12.969	196	359779	43.429	ng	97	08/01/2023
46) 1,1'-Biphenyl	13.292	154	1109110	39.781	ng	99	Supervised By :mohammad
47) 2-Chloronaphthalene	13.339	162	844347	40.559	ng	98	ahmed
48) 2-Nitroaniline	13.557	65	276691	41.639	ng	99	
49) Acenaphthylene	14.186	152	1354909	40.323	ng	100	
50) Dimethylphthalate	13.933	163	1053416	40.720	ng	100	
51) 2,6-Dinitrotoluene	14.063	165	227186	42.384	ng	97	08/01/2023
52) Acenaphthene	14.533	154	801876	39.614	ng	100	
53) 3-Nitroaniline	14.392	138	245163	39.980	ng	94	
54) 2,4-Dinitrophenol	14.604	184	101518	31.835	ng	91	
55) Dibenzofuran	14.868	168	1312109	39.729	ng	99	
56) 4-Nitrophenol	14.704	139	186801	41.815	ng	96	
57) 2,4-Dinitrotoluene	14.851	165	300646	39.761	ng	94	
58) Fluorene	15.515	166	1035565	39.747	ng	100	
59) 2,3,4,6-Tetrachlorophenol	15.098	232	280043	41.745	ng	98	
60) Diethylphthalate	15.298	149	1032851	41.286	ng	99	
61) 4-Chlorophenyl-phenyle...	15.515	204	540135	41.371	ng	98	
62) 4-Nitroaniline	15.563	138	222636	39.726	ng	97	
63) Azobenzene	15.810	77	1075508	39.247	ng	97	
65) 4,6-Dinitro-2-methylph...	15.615	198	154833	36.724	ng	94	
66) n-Nitrosodiphenylamine	15.739	169	866075	40.012	ng	99	
67) 4-Bromophenyl-phenylether	16.410	248	319395	41.856	ng	96	
68) Hexachlorobenzene	16.521	284	350412	41.297	ng	97	
69) Atrazine	16.698	200	242059	42.583	ng	100	
70) Pentachlorophenol	16.874	266	256031	43.575	ng	100	
71) Phenanthrene	17.268	178	1528935	39.539	ng	100	
72) Anthracene	17.357	178	1560655	40.808	ng	100	
73) Carbazole	17.639	167	1404635	40.579	ng	99	
74) Di-n-butylphthalate	18.198	149	1723334	44.058	ng	99	
75) Fluoranthene	19.292	202	1804571	41.538	ng	99	
77) Benzidine	19.492	184	456719	51.585	ng	100	
78) Pyrene	19.656	202	1892974	41.671	ng	100	
80) Butylbenzylphthalate	20.562	149	768776	46.343	ng	97	
81) Benzo(a)anthracene	21.409	228	1846344	41.928	ng	99	
82) 3,3'-Dichlorobenzidine	21.350	252	620787	43.202	ng	99	
83) Chrysene	21.462	228	1736531	40.769	ng	99	
84) Bis(2-ethylhexyl)phtha...	21.339	149	1127487	43.074	ng	# 97	
85) Di-n-octyl phthalate	22.256	149	1894228	45.181	ng	97	
87) Indeno(1,2,3-cd)pyrene	26.244	276	2154932	40.026	ng	98	
88) Benzo(b)fluoranthene	23.074	252	1764153	40.553	ng	99	
89) Benzo(k)fluoranthene	23.121	252	1823848	40.986	ng	99	
90) Benzo(a)pyrene	23.691	252	1723258	41.227	ng	99	
91) Dibenzo(a,h)anthracene	26.256	278	1812687	40.366	ng	98	
92) Benzo(g,h,i)perylene	26.997	276	1727569	39.317	ng	98	

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

