

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110123\
 Data File : BM042533.D
 Acq On : 01 Nov 2023 11:07
 Operator : MA/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/02/2023

Supervised By :mohammad ahmed 11/02/2023

Quant Time: Nov 01 23:40:06 2023

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

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Oct 31 02:55:18 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	80465	20.000	ng	0.00
21) Naphthalene-d8	10.745	136	326309	20.000	ng	0.00
39) Acenaphthene-d10	14.575	164	212329	20.000	ng	0.00
64) Phenanthrene-d10	17.327	188	459835	20.000	ng	# 0.00
76) Chrysene-d12	21.509	240	417630	20.000	ng	0.00
86) Perylene-d12	23.927	264	432670	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	382185	76.655	ng	0.00
7) Phenol-d6	7.093	99	528668	77.315	ng	0.00
23) Nitrobenzene-d5	9.128	82	601145	85.879	ng	0.00
42) 2,4,6-Tribromophenol	16.069	330	254497	91.805	ng	0.00
45) 2-Fluorobiphenyl	13.198	172	1354888	85.864	ng	0.00
79) Terphenyl-d14	19.939	244	2319997	94.193	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.316	88	94766	39.883	ng	96
3) Pyridine	3.740	79	236948	34.763	ng	98
4) n-Nitrosodimethylamine	3.663	42	141539	43.149	ng	# 83
6) Aniline	7.269	93	330412	38.014	ng	96
8) 2-Chlorophenol	7.481	128	207945	38.680	ng	98
9) Benzaldehyde	7.087	77	160652	40.765	ng	99
10) Phenol	7.116	94	263347	37.921	ng	92
11) bis(2-Chloroethyl)ether	7.363	93	215181	36.626	ng	100
12) 1,3-Dichlorobenzene	7.798	146	227574	39.168	ng	98
13) 1,4-Dichlorobenzene	7.957	146	231232	39.323	ng	98
14) 1,2-Dichlorobenzene	8.269	146	224233	39.497	ng	99
15) Benzyl Alcohol	8.187	79	229256	47.358	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.457	45	346382m	37.049	ng	
17) 2-Methylphenol	8.375	107	196574	39.977	ng	96
18) Hexachloroethane	8.981	117	92981	40.412	ng	94
19) n-Nitroso-di-n-propyla...	8.745	70	199653	41.275	ng	95
20) 3+4-Methylphenols	8.710	107	265065	40.319	ng	96
22) Acetophenone	8.775	105	342529	41.621	ng	# 98
24) Nitrobenzene	9.169	77	291050	42.215	ng	97
25) Isophorone	9.681	82	537757	43.404	ng	99
26) 2-Nitrophenol	9.869	139	121323	41.866	ng	96
27) 2,4-Dimethylphenol	9.910	122	198836	41.951	ng	97
28) bis(2-Chloroethoxy)met...	10.163	93	301678	40.417	ng	99
29) 2,4-Dichlorophenol	10.392	162	217174	46.308	ng	96
30) 1,2,4-Trichlorobenzene	10.592	180	233309	45.394	ng	98
31) Naphthalene	10.792	128	693593	41.141	ng	99
32) Benzoic acid	10.075	122	157850	41.551	ng	97
33) 4-Chloroaniline	10.934	127	294336	44.776	ng	98
34) Hexachlorobutadiene	11.016	225	159283	51.044	ng	99
35) Caprolactam	11.786	113	67270	40.825	ng	98
36) 4-Chloro-3-methylphenol	12.039	107	232242	43.513	ng	98
37) 2-Methylnaphthalene	12.398	142	507820	42.771	ng	97
38) 1-Methylnaphthalene	12.616	142	477375	42.716	ng	99
40) 1,2,4,5-Tetrachloroben...	12.751	216	287996	45.402	ng	99
41) Hexachlorocyclopentadiene	12.692	237	238076	63.932	ng	99
43) 2,4,6-Trichlorophenol	13.010	196	187134	46.060	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.080	196	217545	44.996	ng	96
46) 1,1'-Biphenyl	13.410	154	665970	41.031	ng	98
47) 2-Chloronaphthalene	13.457	162	493810	41.472	ng	99
48) 2-Nitroaniline	13.698	65	179897	38.414	ng	97
49) Acenaphthylene	14.304	152	809395	41.045	ng	99
50) Dimethylphthalate	14.045	163	674276	42.488	ng	100
51) 2,6-Dinitrotoluene	14.192	165	142252	43.493	ng	97
52) Acenaphthene	14.639	154	480366	40.137	ng	99
53) 3-Nitroaniline	14.533	138	140431	39.168	ng	98
54) 2,4-Dinitrophenol	14.733	184	85457	41.003	ng	97
55) Dibenzofuran	14.974	168	811571	41.707	ng	100
56) 4-Nitrophenol	14.827	139	103668	38.803	ng	92
57) 2,4-Dinitrotoluene	14.974	165	196340	40.308	ng	95
58) Fluorene	15.621	166	661119	41.992	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.192	232	184742	45.367	ng	96
60) Diethylphthalate	15.392	149	692079	43.046	ng	99
61) 4-Chlorophenyl-phenyle...	15.610	204	361843	45.492	ng	98
62) 4-Nitroaniline	15.692	138	129275	40.482	ng	90
63) Azobenzene	15.910	77	725457	40.947	ng	95
65) 4,6-Dinitro-2-methylph...	15.721	198	123537	42.545	ng	96
66) n-Nitrosodiphenylamine	15.839	169	555548	42.847	ng	98
67) 4-Bromophenyl-phenylether	16.510	248	213360	46.402	ng	98
68) Hexachlorobenzene	16.592	284	235797	46.355	ng	97
69) Atrazine	16.786	200	172471	46.036	ng	98
70) Pentachlorophenol	16.957	266	167276	44.730	ng	98
71) Phenanthrene	17.368	178	996204	41.456	ng	100
72) Anthracene	17.463	178	1022527	42.960	ng	100
73) Carbazole	17.751	167	881078	45.502	ng	100
74) Di-n-butylphthalate	18.268	149	1234366	45.395	ng	99
75) Fluoranthene	19.380	202	1213228	42.980	ng	98
77) Benzidine	19.592	184	219117	54.697	ng	98
78) Pyrene	19.751	202	1244563	43.399	ng	99
80) Butylbenzylphthalate	20.627	149	558457	45.595	ng	98
81) Benzo(a)anthracene	21.492	228	1165176	43.850	ng	100
82) 3,3'-Dichlorobenzidine	21.439	252	405793	48.052	ng	99
83) Chrysene	21.545	228	1099511	40.736	ng	99
84) Bis(2-ethylhexyl)phtha...	21.374	149	829920	44.834	ng	98
85) Di-n-octyl phthalate	22.303	149	1349614	42.358	ng	100
87) Indeno(1,2,3-cd)pyrene	26.468	276	1158631	44.993	ng #	94
88) Benzo(b)fluoranthene	23.186	252	1024069	42.484	ng	98
89) Benzo(k)fluoranthene	23.233	252	1045850	38.937	ng #	98
90) Benzo(a)pyrene	23.821	252	978879	41.247	ng #	97
91) Dibenzo(a,h)anthracene	26.485	278	978164	41.737	ng #	94
92) Benzo(g,h,i)perylene	27.262	276	938279	41.341	ng #	95

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

