

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102723\
 Data File : BM042478.D
 Acq On : 27 Oct 2023 18:33
 Operator : MA/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/31/2023
 Supervised By :mohammad ahmed 10/31/2023

Quant Time: Oct 28 00:27:22 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 28 00:26:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.987	152	173009	20.000	ng	0.00
21) Naphthalene-d8	10.810	136	740748	20.000	ng	0.00
39) Acenaphthene-d10	14.633	164	427127	20.000	ng	0.00
64) Phenanthrene-d10	17.386	188	832644	20.000	ng	0.00
76) Chrysene-d12	21.562	240	564171	20.000	ng	0.00
86) Perylene-d12	24.021	264	547980	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	707015	57.756	ng	0.00
7) Phenol-d6	7.169	99	1134654	69.165	ng	0.00
23) Nitrobenzene-d5	9.193	82	1232706	73.587	ng	0.00
42) 2,4,6-Tribromophenol	16.127	330	408840	89.753	ng	0.00
45) 2-Fluorobiphenyl	13.257	172	2552814	80.483	ng	0.00
79) Terphenyl-d14	19.992	244	3313272	104.154	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.399	88	213907	37.109	ng	95
3) Pyridine	3.864	79	501938	29.680	ng	96
4) n-Nitrosodimethylamine	3.752	42	224576	26.301	ng	89
6) Aniline	7.340	93	723528	34.641	ng	98
8) 2-Chlorophenol	7.551	128	461097	37.960	ng	94
9) Benzaldehyde	7.157	77	325173	34.032	ng	95
10) Phenol	7.193	94	575428	33.946	ng	99
11) bis(2-Chloroethyl)ether	7.434	93	508603	36.545	ng	95
12) 1,3-Dichlorobenzene	7.863	146	489889	38.992	ng	97
13) 1,4-Dichlorobenzene	8.022	146	500943	39.610	ng	97
14) 1,2-Dichlorobenzene	8.334	146	487199	40.119	ng	98
15) Benzyl Alcohol	8.269	79	465606	38.287	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.522	45	818178m	37.154	ng	
17) 2-Methylphenol	8.446	107	427944	38.258	ng	98
18) Hexachloroethane	9.046	117	196083	40.274	ng	95
19) n-Nitroso-di-n-propyla...	8.828	70	447655	40.261	ng	96
20) 3+4-Methylphenols	8.787	107	577643	38.501	ng	97
22) Acetophenone	8.851	105	752992	37.261	ng	# 97
24) Nitrobenzene	9.240	77	605649	36.139	ng	96
25) Isophorone	9.781	82	1157925	40.674	ng	98
26) 2-Nitrophenol	9.940	139	259193	40.625	ng	93
27) 2,4-Dimethylphenol	9.987	122	466835m	40.428	ng	
28) bis(2-Chloroethoxy)met...	10.234	93	697607	38.678	ng	100
29) 2,4-Dichlorophenol	10.463	162	438973	43.714	ng	97
30) 1,2,4-Trichlorobenzene	10.657	180	463634	43.067	ng	98
31) Naphthalene	10.863	128	1551127	40.768	ng	100
32) Benzoic acid	10.175	122	342500	41.379	ng	97
33) 4-Chloroaniline	11.004	127	607073	36.749	ng	98
34) Hexachlorobutadiene	11.081	225	281216	48.274	ng	98
35) Caprolactam	11.945	113	141006	36.933	ng	93
36) 4-Chloro-3-methylphenol	12.116	107	500952	41.339	ng	96
37) 2-Methylnaphthalene	12.463	142	1101607	43.010	ng	98
38) 1-Methylnaphthalene	12.681	142	1036791	43.210	ng	100
40) 1,2,4,5-Tetrachloroben...	12.810	216	532311	43.109	ng	98
41) Hexachlorocyclopentadiene	12.757	237	351623	54.091	ng	99
43) 2,4,6-Trichlorophenol	13.075	196	349306	43.699	ng	100

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44) 2,4,5-Trichlorophenol	13.145	196	405054	42.866	ng	95
46) 1,1'-Biphenyl	13.469	154	1360485	40.151	ng	98
47) 2-Chloronaphthalene	13.516	162	990392	39.840	ng	100
48) 2-Nitroaniline	13.763	65	341718	32.394	ng	92
49) Acenaphthylene	14.363	152	1610662	40.133	ng	100
50) Dimethylphthalate	14.110	163	1281043	40.889	ng	100
51) 2,6-Dinitrotoluene	14.251	165	271166	38.914	ng	84
52) Acenaphthene	14.698	154	975306	40.196	ng	98
53) 3-Nitroaniline	14.592	138	256585	31.774	ng	99
54) 2,4-Dinitrophenol	14.792	184	156679	40.273	ng	89
55) Dibenzofuran	15.033	168	1538290	40.084	ng	99
56) 4-Nitrophenol	14.892	139	189506	29.699	ng	95
57) 2,4-Dinitrotoluene	15.027	165	337901	36.754	ng	95
58) Fluorene	15.680	166	1206186	39.830	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.251	232	320505	45.150	ng	92
60) Diethylphthalate	15.451	149	1262270	40.827	ng	98
61) 4-Chlorophenyl-phenyle...	15.669	204	629371	44.130	ng	95
62) 4-Nitroaniline	15.757	138	193859	25.979	ng	92
63) Azobenzene	15.963	77	1371354	36.970	ng	96
65) 4,6-Dinitro-2-methylph...	15.780	198	205418	39.812	ng	81
66) n-Nitrosodiphenylamine	15.898	169	1028244	41.000	ng	98
67) 4-Bromophenyl-phenylether	16.569	248	375152	48.613	ng	93
68) Hexachlorobenzene	16.645	284	395240	47.914	ng	94
69) Atrazine	16.857	200	280766	44.147	ng	99
70) Pentachlorophenol	17.016	266	284715	44.238	ng	99
71) Phenanthrene	17.427	178	1780610	39.310	ng	100
72) Anthracene	17.516	178	1810927	40.368	ng	99
73) Carbazole	17.810	167	1488760	35.375	ng	99
74) Di-n-butylphthalate	18.327	149	2165445	41.066	ng	99
75) Fluoranthene	19.439	202	1997443	40.040	ng	98
77) Benzidine	19.662	184	164993	20.219	ng	99
78) Pyrene	19.804	202	2036390	51.654	ng	100
80) Butylbenzylphthalate	20.686	149	893496	49.862	ng	89
81) Benzo(a)anthracene	21.545	228	1495451	39.540	ng	100
82) 3,3'-Dichlorobenzidine	21.492	252	480351	42.546	ng	98
83) Chrysene	21.604	228	1481766	40.791	ng	99
84) Bis(2-ethylhexyl)phtha...	21.427	149	1221380	48.070	ng	# 96
85) Di-n-octyl phthalate	22.368	149	1942230	44.677	ng	95
87) Indeno(1,2,3-cd)pyrene	26.597	276	1377350	34.394	ng	93
88) Benzo(b)fluoranthene	23.262	252	1220132	36.991	ng	99
89) Benzo(k)fluoranthene	23.315	252	1382079	40.359	ng	97
90) Benzo(a)pyrene	23.909	252	1229041	38.713	ng	98
91) Dibenzo(a,h)anthracene	26.621	278	1105407	33.200	ng	98
92) Benzo(g,h,i)perylene	27.409	276	1163981	35.997	ng	95

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

