

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103123\
 Data File : BM042505.D
 Acq On : 31 Oct 2023 11:12
 Operator : MA/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/01/2023
 Supervised By :mohammad ahmed 11/01/2023

Quant Time: Nov 01 01:17:49 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	7.928	152	83146	20.000	ng	0.00
21) Naphthalene-d8	10.745	136	352971	20.000	ng	0.00
39) Acenaphthene-d10	14.574	164	226696	20.000	ng	0.00
64) Phenanthrene-d10	17.327	188	512461	20.000	ng	0.00
76) Chrysene-d12	21.509	240	499012	20.000	ng	0.00
86) Perylene-d12	23.927	264	516255	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	402501	78.126	ng	0.00
7) Phenol-d6	7.093	99	564902	79.950	ng	0.00
23) Nitrobenzene-d5	9.128	82	629263	83.106	ng	0.00
42) 2,4,6-Tribromophenol	16.068	330	265723	89.780	ng	0.00
45) 2-Fluorobiphenyl	13.198	172	1405588	83.431	ng	0.00
79) Terphenyl-d14	19.939	244	2640726	89.730	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.322	88	89217	36.337	ng	98
3) Pyridine	3.752	79	262304	37.242	ng	99
4) n-Nitrosodimethylamine	3.669	42	134799	39.770	ng	93
6) Aniline	7.275	93	358244	39.888	ng	98
8) 2-Chlorophenol	7.487	128	221724	39.913	ng	97
9) Benzaldehyde	7.093	77	162960	40.018	ng	99
10) Phenol	7.122	94	288266	40.171	ng	98
11) bis(2-Chloroethyl)ether	7.369	93	229975	37.882	ng	99
12) 1,3-Dichlorobenzene	7.804	146	237067	39.486	ng	98
13) 1,4-Dichlorobenzene	7.963	146	239872	39.477	ng	96
14) 1,2-Dichlorobenzene	8.275	146	233022	39.721	ng	98
15) Benzyl Alcohol	8.192	79	238778	47.735	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.457	45	376061m	38.927	ng	
17) 2-Methylphenol	8.381	107	208242	40.984	ng	99
18) Hexachloroethane	8.986	117	97533	41.024	ng	95
19) n-Nitroso-di-n-propyla...	8.751	70	213910	42.796	ng	98
20) 3+4-Methylphenols	8.716	107	286037	42.106	ng	95
22) Acetophenone	8.781	105	363774	40.864	ng	# 99
24) Nitrobenzene	9.169	77	307092	41.177	ng	97
25) Isophorone	9.686	82	574694	42.881	ng	99
26) 2-Nitrophenol	9.869	139	124573	39.919	ng	98
27) 2,4-Dimethylphenol	9.916	122	216516	42.230	ng	97
28) bis(2-Chloroethoxy)met...	10.169	93	328736	40.715	ng	99
29) 2,4-Dichlorophenol	10.392	162	222700	43.899	ng	99
30) 1,2,4-Trichlorobenzene	10.592	180	234259	42.136	ng	99
31) Naphthalene	10.798	128	747059	40.965	ng	100
32) Benzoic acid	10.075	122	172293	41.890	ng	98
33) 4-Chloroaniline	10.939	127	316987	44.579	ng	98
34) Hexachlorobutadiene	11.022	225	150929	44.713	ng	99
35) Caprolactam	11.798	113	77800	43.649	ng	94
36) 4-Chloro-3-methylphenol	12.045	107	255706	44.291	ng	99
37) 2-Methylnaphthalene	12.398	142	548481	42.706	ng	99
38) 1-Methylnaphthalene	12.622	142	512269	42.375	ng	100
40) 1,2,4,5-Tetrachloroben...	12.751	216	289088	42.686	ng	99
41) Hexachlorocyclopentadiene	12.692	237	154304	41.207	ng	99
43) 2,4,6-Trichlorophenol	13.010	196	191734	44.201	ng	98

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44) 2,4,5-Trichlorophenol	13.086	196	225481	43.682	ng	96
46) 1,1'-Biphenyl	13.410	154	715963	41.316	ng	100
47) 2-Chloronaphthalene	13.463	162	520865	40.972	ng	100
48) 2-Nitroaniline	13.704	65	200362	39.885	ng	94
49) Acenaphthylene	14.304	152	888982	42.223	ng	99
50) Dimethylphthalate	14.045	163	726725	42.891	ng	99
51) 2,6-Dinitrotoluene	14.192	165	151921	43.506	ng	97
52) Acenaphthene	14.639	154	530287	41.501	ng	99
53) 3-Nitroaniline	14.533	138	157225	40.862	ng	98
54) 2,4-Dinitrophenol	14.733	184	92888	41.604	ng	97
55) Dibenzofuran	14.974	168	879559	42.337	ng	100
56) 4-Nitrophenol	14.827	139	119107	41.227	ng	97
57) 2,4-Dinitrotoluene	14.968	165	212057	40.730	ng	99
58) Fluorene	15.621	166	720986	42.892	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.192	232	197137	45.343	ng	98
60) Diethylphthalate	15.392	149	754865	43.976	ng	99
61) 4-Chlorophenyl-phenyle...	15.615	204	376332	44.316	ng	97
62) 4-Nitroaniline	15.692	138	146044	42.501	ng	94
63) Azobenzene	15.910	77	825431	43.637	ng	98
65) 4,6-Dinitro-2-methylph...	15.721	198	134633	41.734	ng	95
66) n-Nitrosodiphenylamine	15.839	169	612054	42.358	ng	98
67) 4-Bromophenyl-phenylether	16.510	248	228946	44.679	ng	97
68) Hexachlorobenzene	16.592	284	244590	43.145	ng	97
69) Atrazine	16.792	200	184561	44.204	ng	99
70) Pentachlorophenol	16.957	266	187512	44.992	ng	99
71) Phenanthrene	17.368	178	1130169	42.201	ng	100
72) Anthracene	17.462	178	1147213	43.248	ng	100
73) Carbazole	17.751	167	1012009	46.897	ng	100
74) Di-n-butylphthalate	18.268	149	1431449	47.237	ng	100
75) Fluoranthene	19.380	202	1405325	44.672	ng	99
77) Benzidine	19.598	184	274953	57.441	ng	99
78) Pyrene	19.745	202	1462896	42.693	ng	100
80) Butylbenzylphthalate	20.627	149	675872	46.182	ng	99
81) Benzo(a)anthracene	21.492	228	1356250	42.717	ng	100
82) 3,3'-Dichlorobenzidine	21.433	252	478964	47.467	ng	100
83) Chrysene	21.545	228	1294865	40.149	ng	100
84) Bis(2-ethylhexyl)phtha...	21.374	149	1010987	45.709	ng	99
85) Di-n-octyl phthalate	22.303	149	1671671	43.910	ng	99
87) Indeno(1,2,3-cd)pyrene	26.456	276	1348514	43.888	ng	96
88) Benzo(b)fluoranthene	23.180	252	1191698	41.434	ng	99
89) Benzo(k)fluoranthene	23.233	252	1283750	40.055	ng	98
90) Benzo(a)pyrene	23.821	252	1173969	41.459	ng	98
91) Dibenzo(a,h)anthracene	26.474	278	1118608	40.173	ng	97
92) Benzo(g,h,i)perylene	27.250	276	1149144	42.434	ng	97

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

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