

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110923\
 Data File : BM042668.D
 Acq On : 09 Nov 2023 11:53
 Operator : MA/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

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

Quant Time: Nov 09 15:10:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 09 13:21:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.845	152	44895	20.000	ng	0.00
21) Naphthalene-d8	10.663	136	176321	20.000	ng	0.00
39) Acenaphthene-d10	14.504	164	120862	20.000	ng	0.00
64) Phenanthrene-d10	17.256	188	283855	20.000	ng	# 0.00
76) Chrysene-d12	21.439	240	328585	20.000	ng	# 0.00
86) Perylene-d12	23.815	264	371607	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	209603	75.348	ng	0.00
7) Phenol-d6	7.010	99	302003	79.159	ng	0.00
23) Nitrobenzene-d5	9.051	82	350396	92.639	ng	0.00
42) 2,4,6-Tribromophenol	15.998	330	155768	98.715	ng	0.00
45) 2-Fluorobiphenyl	13.121	172	769976	85.724	ng	0.00
79) Terphenyl-d14	19.874	244	1640868	84.674	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.228	88	49313	37.197	ng	# 89
3) Pyridine	3.652	79	134099	35.261	ng	# 92
4) n-Nitrosodimethylamine	3.581	42	96598	52.781	ng	# 67
6) Aniline	7.192	93	180911	37.305	ng	94
8) 2-Chlorophenol	7.404	128	111744	37.253	ng	98
9) Benzaldehyde	7.010	77	98710	44.893	ng	93
10) Phenol	7.040	94	148360	38.289	ng	87
11) bis(2-Chloroethyl)ether	7.287	93	113892	34.745	ng	97
12) 1,3-Dichlorobenzene	7.722	146	122834	37.891	ng	96
13) 1,4-Dichlorobenzene	7.881	146	125024	38.107	ng	99
14) 1,2-Dichlorobenzene	8.192	146	123840	39.096	ng	98
15) Benzyl Alcohol	8.110	79	116903m	43.282	ng	
16) 2,2'-oxybis(1-Chloropr...	8.381	45	190388m	36.498	ng	
17) 2-Methylphenol	8.298	107	104623	38.134	ng	# 93
18) Hexachloroethane	8.904	117	52421	40.835	ng	91
19) n-Nitroso-di-n-propyla...	8.669	70	111965	41.486	ng	88
20) 3+4-Methylphenols	8.634	107	145775	39.742	ng	94
22) Acetophenone	8.698	105	187488	42.161	ng	# 91
24) Nitrobenzene	9.092	77	166790	44.770	ng	96
25) Isophorone	9.598	82	297713	44.470	ng	97
26) 2-Nitrophenol	9.792	139	62418	40.030	ng	# 88
27) 2,4-Dimethylphenol	9.833	122	102967	40.204	ng	94
28) bis(2-Chloroethoxy)met...	10.086	93	155766	38.620	ng	100
29) 2,4-Dichlorophenol	10.310	162	115679	45.648	ng	98
30) 1,2,4-Trichlorobenzene	10.516	180	125837	45.311	ng	98
31) Naphthalene	10.716	128	371896	40.824	ng	99
32) Benzoic acid	9.992	122	83605	40.809	ng	89
33) 4-Chloroaniline	10.857	127	156350	44.017	ng	95
34) Hexachlorobutadiene	10.933	225	86455	51.273	ng	100
35) Caprolactam	11.692	113	38979	43.778	ng	88
36) 4-Chloro-3-methylphenol	11.963	107	130227	45.155	ng	97
37) 2-Methylnaphthalene	12.322	142	274015	42.711	ng	95
38) 1-Methylnaphthalene	12.545	142	256882	42.539	ng	100
40) 1,2,4,5-Tetrachloroben...	12.674	216	156858	43.442	ng	99
41) Hexachlorocyclopentadiene	12.616	237	83033	41.534	ng	97
43) 2,4,6-Trichlorophenol	12.933	196	101149	43.737	ng	96

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44) 2,4,5-Trichlorophenol	13.010	196	118446	43.040	ng	96
46) 1,1'-Biphenyl	13.339	154	363818	39.379	ng	98
47) 2-Chloronaphthalene	13.386	162	269506	39.764	ng	99
48) 2-Nitroaniline	13.633	65	112880	41.900	ng	96
49) Acenaphthylene	14.233	152	463968	41.334	ng	100
50) Dimethylphthalate	13.974	163	384306	42.543	ng	99
51) 2,6-Dinitrotoluene	14.121	165	80713	43.354	ng	90
52) Acenaphthene	14.568	154	273000	40.074	ng	100
53) 3-Nitroaniline	14.463	138	78952	38.740	ng	92
54) 2,4-Dinitrophenol	14.668	184	41342	36.011	ng	# 85
55) Dibenzofuran	14.904	168	472028	42.616	ng	97
56) 4-Nitrophenol	14.757	139	59038	38.818	ng	# 74
57) 2,4-Dinitrotoluene	14.910	165	120486	43.145	ng	95
58) Fluorene	15.551	166	391769	43.715	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.121	232	105661	45.583	ng	98
60) Diethylphthalate	15.321	149	394386	43.094	ng	100
61) 4-Chlorophenyl-phenyle...	15.545	204	207471	45.824	ng	98
62) 4-Nitroaniline	15.627	138	77100	42.141	ng	# 77
63) Azobenzene	15.839	77	457453	45.360	ng	91
65) 4,6-Dinitro-2-methylph...	15.657	198	70005	39.534	ng	95
66) n-Nitrosodiphenylamine	15.774	169	325155	40.626	ng	99
67) 4-Bromophenyl-phenylether	16.445	248	123598	43.546	ng	97
68) Hexachlorobenzene	16.521	284	139452	44.410	ng	100
69) Atrazine	16.721	200	97869	42.318	ng	97
70) Pentachlorophenol	16.886	266	97408	42.195	ng	98
71) Phenanthrene	17.298	178	615057	41.463	ng	100
72) Anthracene	17.392	178	629632	42.853	ng	100
73) Carbazole	17.680	167	547428	45.799	ng	100
74) Di-n-butylphthalate	18.198	149	735498	43.818	ng	# 98
75) Fluoranthene	19.315	202	814961	46.769	ng	98
77) Benzidine	19.533	184	133468	42.346	ng	99
78) Pyrene	19.680	202	862856	38.242	ng	99
80) Butylbenzylphthalate	20.562	149	373429	38.751	ng	94
81) Benzo(a)anthracene	21.427	228	880396	42.112	ng	99
82) 3,3'-Dichlorobenzidine	21.374	252	304762	45.868	ng	# 98
83) Chrysene	21.480	228	877782	41.334	ng	99
84) Bis(2-ethylhexyl)phtha...	21.309	149	542593	37.256	ng	99
85) Di-n-octyl phthalate	22.227	149	945859	37.731	ng	96
87) Indeno(1,2,3-cd)pyrene	26.303	276	1030579	46.596	ng	# 92
88) Benzo(b)fluoranthene	23.086	252	846603	40.893	ng	# 98
89) Benzo(k)fluoranthene	23.138	252	921945	39.964	ng	# 97
90) Benzo(a)pyrene	23.715	252	833048	40.871	ng	# 97
91) Dibenzo(a,h)anthracene	26.315	278	848682	42.120	ng	# 94
92) Benzo(g,h,i)perylene	27.079	276	846394	43.420	ng	# 94

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

