

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082823\
 Data File : BG058866.D
 Acq On : 28 Aug 2023 9:50
 Operator : MA/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Quant Time: Aug 29 01:08:24 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Aug 27 03:38:58 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh
 Patel
 08/29/2023

Supervised By :mohammad
 ahmed
 08/29/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.825	152	30536	20.000	ng	0.00
21) Naphthalene-d8	10.628	136	119910	20.000	ng	0.00
39) Acenaphthene-d10	14.471	164	82899	20.000	ng	0.00
64) Phenanthrene-d10	17.214	188	195716	20.000	ng	0.00
76) Chrysene-d12	21.462	240	155659	20.000	ng	0.00
86) Perylene-d12	24.535	264	189776	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	158561	83.562	ng	0.00
7) Phenol-d6	7.003	99	215365	80.896	ng	0.00
23) Nitrobenzene-d5	8.995	82	199336	79.923	ng	0.00
42) 2,4,6-Tribromophenol	15.969	330	109639	84.348	ng	0.00
45) 2-Fluorobiphenyl	13.090	172	444947	78.066	ng	0.00
79) Terphenyl-d14	19.835	244	720392	83.100	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.284	88	33908	38.009	ng	95
3) Pyridine	3.683	79	93251	39.556	ng	90
4) n-Nitrosodimethylamine	3.607	42	52676	41.100	ng	97
6) Aniline	7.156	93	130067	39.967	ng	96
8) 2-Chlorophenol	7.391	128	78147	40.731	ng	98
9) Benzaldehyde	6.968	77	58146m	38.937	ng	
10) Phenol	7.026	94	103771	40.423	ng	99
11) bis(2-Chloroethyl)ether	7.250	93	77215	38.547	ng	99
12) 1,3-Dichlorobenzene	7.714	146	84035	41.235	ng	98
13) 1,4-Dichlorobenzene	7.861	146	84171	40.844	ng	97
14) 1,2-Dichlorobenzene	8.178	146	79946	40.137	ng	96
15) Benzyl Alcohol	8.072	79	79449	41.740	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.360	45	173419	40.623	ng	98
17) 2-Methylphenol	8.272	107	77032	40.855	ng	98
18) Hexachloroethane	8.901	117	31533	41.996	ng	99
19) n-Nitroso-di-n-propyla...	8.636	70	65666	38.158	ng	89
20) 3+4-Methylphenols	8.607	107	102316	40.362	ng	97
22) Acetophenone	8.654	105	129045	39.756	ng	97
24) Nitrobenzene	9.036	77	99135	39.964	ng	98
25) Isophorone	9.553	82	192771	38.866	ng	99
26) 2-Nitrophenol	9.747	139	44776	43.159	ng	95
27) 2,4-Dimethylphenol	9.805	122	74575	42.414	ng	96
28) bis(2-Chloroethoxy)met...	10.035	93	103257	39.302	ng	99
29) 2,4-Dichlorophenol	10.281	162	78439	43.414	ng	95
30) 1,2,4-Trichlorobenzene	10.493	180	89283	40.922	ng	99
31) Naphthalene	10.675	128	250630	39.808	ng	100
32) Benzoic acid	9.982	122	42414	40.393	ng	94
33) 4-Chloroaniline	10.793	127	111970	42.169	ng	98
34) Hexachlorobutadiene	10.957	225	62427	42.395	ng	97
35) Caprolactam	11.586	113	25702	39.699	ng	99
36) 4-Chloro-3-methylphenol	11.927	107	93359	41.551	ng	97
37) 2-Methylnaphthalene	12.291	142	182029	40.254	ng	100
38) 1-Methylnaphthalene	12.514	142	170651	39.756	ng	99
40) 1,2,4,5-Tetrachloroben...	12.661	216	103474	40.488	ng	99
41) Hexachlorocyclopentadiene	12.632	237	33422	38.388	ng	95
43) 2,4,6-Trichlorophenol	12.908	196	69063	42.470	ng	95

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44) 2,4,5-Trichlorophenol	12.984	196	80709	41.446	ng	99
46) 1,1'-Biphenyl	13.301	154	225566	39.498	ng	98
47) 2-Chloronaphthalene	13.348	162	177928	39.980	ng	97
48) 2-Nitroaniline	13.560	65	69180	40.929	ng	98
49) Acenaphthylene	14.194	152	289259	39.194	ng	99
50) Dimethylphthalate	13.930	163	250426	39.015	ng	98
51) 2,6-Dinitrotoluene	14.059	165	55551	41.195	ng	99
52) Acenaphthene	14.535	154	169604	39.325	ng	98
53) 3-Nitroaniline	14.388	138	55635	42.777	ng #	94
54) 2,4-Dinitrophenol	14.606	184	25856	38.239	ng	91
55) Dibenzofuran	14.870	168	290898	39.101	ng	99
56) 4-Nitrophenol	14.712	139	35568	40.154	ng	97
57) 2,4-Dinitrotoluene	14.853	165	77876	41.405	ng	96
58) Fluorene	15.522	166	229833	38.819	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.105	232	68220	42.930	ng	96
60) Diethylphthalate	15.287	149	257161	38.859	ng	98
61) 4-Chlorophenyl-phenyle...	15.511	204	130727	39.835	ng	96
62) 4-Nitroaniline	15.558	138	57370	43.466	ng	93
63) Azobenzene	15.804	77	232002	38.179	ng	98
65) 4,6-Dinitro-2-methylph...	15.616	198	47637	43.061	ng	97
66) n-Nitrosodiphenylamine	15.728	169	208026	41.239	ng	95
67) 4-Bromophenyl-phenylether	16.404	248	89364	41.609	ng	96
68) Hexachlorobenzene	16.527	284	94772	41.001	ng	98
69) Atrazine	16.680	200	63594	35.623	ng	99
70) Pentachlorophenol	16.874	266	51849	42.777	ng	97
71) Phenanthrene	17.261	178	369123	39.286	ng	100
72) Anthracene	17.350	178	377577	40.068	ng	100
73) Carbazole	17.626	167	344539	39.926	ng	98
74) Di-n-butylphthalate	18.172	149	433956	39.864	ng	99
75) Fluoranthene	19.277	202	453779	38.945	ng	97
77) Benzidine	19.459	184	118935	42.634	ng	98
78) Pyrene	19.635	202	459365	42.354	ng	98
80) Butylbenzylphthalate	20.516	149	191397	43.512	ng	99
81) Benzo(a)anthracene	21.439	228	457298	42.204	ng	98
82) 3,3'-Dichlorobenzidine	21.363	252	157421	42.082	ng	99
83) Chrysene	21.504	228	425464	40.738	ng	98
84) Bis(2-ethylhexyl)phtha...	21.339	149	274906	42.612	ng	99
85) Di-n-octyl phthalate	22.491	149	459504	41.410	ng	100
87) Indeno(1,2,3-cd)pyrene	28.049	276	516687	40.242	ng	99
88) Benzo(b)fluoranthene	23.560	252	450370	42.771	ng	97
89) Benzo(k)fluoranthene	23.625	252	430667	39.659	ng	99
90) Benzo(a)pyrene	24.394	252	433682	41.829	ng	99
91) Dibenzo(a,h)anthracene	28.108	278	429190	40.680	ng	99
92) Benzo(g,h,i)perylene	29.153	276	427260	40.504	ng	98

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

