

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031424\
 Data File : BG060649.D
 Acq On : 14 Mar 2024 22:39
 Operator : MA/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Jagrut
Upadhyay

03/15/2024

Supervised By :mohammad
ahmed

Quant Time: Mar 15 01:38:03 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 14 00:45:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.323	152	96079	20.000	ng	0.00
21) Naphthalene-d8	11.167	136	434457	20.000	ng	0.00
39) Acenaphthene-d10	14.951	164	283666	20.000	ng	0.00
64) Phenanthrene-d10	17.695	188	613917	20.000	ng	0.00
76) Chrysene-d12	22.019	240	559496	20.000	ng	0.00
86) Perylene-d12	25.568	264	646720	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.809	112	484175	79.218	ng	0.00
7) Phenol-d6	7.436	99	700945	79.060	ng	0.00
23) Nitrobenzene-d5	9.522	82	667361	79.943	ng	0.00
42) 2,4,6-Tribromophenol	16.431	330	261800	79.645	ng	0.00
45) 2-Fluorobiphenyl	13.576	172	1611873	76.827	ng	0.00
79) Terphenyl-d14	20.274	244	2351517	75.969	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.652	88	103803m	40.575	ng	
3) Pyridine	4.069	79	301742	39.907	ng	99
4) n-Nitrosodimethylamine	3.999	42	147992	39.900	ng	# 96
6) Aniline	7.648	93	419826	38.751	ng	98
8) 2-Chlorophenol	7.871	128	262559	39.298	ng	99
9) Benzaldehyde	7.465	77	189163	38.114	ng	99
10) Phenol	7.465	94	346123	38.907	ng	99
11) bis(2-Chloroethyl)ether	7.736	93	271224	38.246	ng	100
12) 1,3-Dichlorobenzene	8.206	146	270580	37.555	ng	98
13) 1,4-Dichlorobenzene	8.358	146	280866	38.457	ng	96
14) 1,2-Dichlorobenzene	8.682	146	273511	37.707	ng	97
15) Benzyl Alcohol	8.564	79	267448	38.155	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.840	45	504259m	36.627	ng	
17) 2-Methylphenol	8.740	107	263192	38.529	ng	98
18) Hexachloroethane	9.410	117	98107	39.323	ng	98
19) n-Nitroso-di-n-propyla...	9.128	70	228546	37.188	ng	99
20) 3+4-Methylphenols	9.075	107	352169	38.225	ng	95
22) Acetophenone	9.163	105	446990	38.375	ng	98
24) Nitrobenzene	9.569	77	332422	39.831	ng	99
25) Isophorone	10.074	82	633924	37.941	ng	97
26) 2-Nitrophenol	10.274	139	132533	39.612	ng	98
27) 2,4-Dimethylphenol	10.291	122	286877	38.793	ng	98
28) bis(2-Chloroethoxy)met...	10.556	93	380256	37.963	ng	98
29) 2,4-Dichlorophenol	10.791	162	263037	39.632	ng	97
30) 1,2,4-Trichlorobenzene	11.014	180	267677	37.984	ng	98
31) Naphthalene	11.220	128	916985	37.788	ng	99
32) Benzoic acid	10.397	122	182000	38.774	ng	96
33) 4-Chloroaniline	11.331	127	397868	38.882	ng	98
34) Hexachlorobutadiene	11.449	225	179381	37.319	ng	98
35) Caprolactam	12.125	113	89918	40.246	ng	92
36) 4-Chloro-3-methylphenol	12.401	107	316893	38.960	ng	98
37) 2-Methylnaphthalene	12.794	142	620461	37.019	ng	98
38) 1-Methylnaphthalene	13.018	142	603860	38.386	ng	96
40) 1,2,4,5-Tetrachloroben...	13.141	216	329093	37.777	ng	99
41) Hexachlorocyclopentadiene	13.094	237	166377	38.838	ng	93
43) 2,4,6-Trichlorophenol	13.376	196	223846	40.018	ng	97

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44) 2,4,5-Trichlorophenol	13.447	196	265668	40.148	ng	99
46) 1,1'-Biphenyl	13.787	154	823286	38.182	ng	100
47) 2-Chloronaphthalene	13.840	162	622290	38.241	ng	98
48) 2-Nitroaniline	14.052	65	221946	41.325	ng	98
49) Acenaphthylene	14.680	152	1031519	38.912	ng	99
50) Dimethylphthalate	14.393	163	832397	39.126	ng	98
51) 2,6-Dinitrotoluene	14.534	165	168493	42.982	ng	97
52) Acenaphthene	15.015	154	619607	39.114	ng	98
53) 3-Nitroaniline	14.868	138	186363	41.289	ng	98
54) 2,4-Dinitrophenol	15.062	184	68378	38.001	ng	87
55) Dibenzofuran	15.344	168	991723	38.665	ng	99
56) 4-Nitrophenol	15.133	139	140458	41.703	ng	92
57) 2,4-Dinitrotoluene	15.309	165	213575	43.309	ng	95
58) Fluorene	15.991	166	804707	39.214	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.550	232	222389	40.300	ng	93
60) Diethylphthalate	15.738	149	852314	38.937	ng	99
61) 4-Chlorophenyl-phenyle...	15.973	204	399134	38.398	ng	98
62) 4-Nitroaniline	16.032	138	191991	41.539	ng	98
63) Azobenzene	16.267	77	878044	38.760	ng	98
65) 4,6-Dinitro-2-methylph...	16.055	198	105606	39.064	ng	91
66) n-Nitrosodiphenylamine	16.190	169	729560	37.972	ng	98
67) 4-Bromophenyl-phenylether	16.872	248	238118	35.968	ng	97
68) Hexachlorobenzene	16.960	284	284815	37.419	ng	97
69) Atrazine	17.125	200	252570	39.303	ng	99
70) Pentachlorophenol	17.313	266	201963	40.938	ng	97
71) Phenanthrene	17.742	178	1263464	38.205	ng	99
72) Anthracene	17.830	178	1303662	38.988	ng	98
73) Carbazole	18.106	167	1137384	39.120	ng	99
74) Di-n-butylphthalate	18.617	149	1424810	40.214	ng	99
75) Fluoranthene	19.728	202	1437147	39.287	ng	99
77) Benzidine	19.921	184	621362	45.404	ng	98
78) Pyrene	20.092	202	1510018	38.674	ng	98
80) Butylbenzylphthalate	20.955	149	605316	41.008	ng	99
81) Benzo(a)anthracene	21.995	228	1472832	38.232	ng	100
82) 3,3'-Dichlorobenzidine	21.907	252	522756	40.260	ng	95
83) Chrysene	22.066	228	1439311	38.479	ng	98
84) Bis(2-ethylhexyl)phtha...	21.837	149	893459	40.978	ng	100
85) Di-n-octyl phthalate	23.165	149	1485393	41.371	ng	99
87) Indeno(1,2,3-cd)pyrene	29.686	276	1719747	38.985	ng	# 94
88) Benzo(b)fluoranthene	24.422	252	1370800	38.529	ng	98
89) Benzo(k)fluoranthene	24.498	252	1433755	38.358	ng	99
90) Benzo(a)pyrene	25.397	252	1351324	38.741	ng	99
91) Dibenzo(a,h)anthracene	29.775	278	1450131	38.723	ng	98
92) Benzo(g,h,i)perylene	31.003	276	1399813	38.607	ng	99

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

