

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070722\
 Data File : BG054221.D
 Acq On : 7 Jul 2022 11:33
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By : Christian Giraldo 07/08/2022
 Supervised By : Jagrut Upadhyay 07/08/2022

Quant Time: Jul 07 14:16:05 2022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Jun 27 00:27:54 2022

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.065	152	20851	20.000	ng	0.00
21) Naphthalene-d8	10.874	136	85574	20.000	ng	# 0.00
39) Acenaphthene-d10	14.693	164	70902	20.000	ng	0.00
64) Phenanthrene-d10	17.437	188	202569	20.000	ng	# 0.00
76) Chrysene-d12	21.714	240	222183	20.000	ng	0.00
86) Perylene-d12	24.969	264	234195	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.633	112	86264	79.099	ng	0.00
7) Phenol-d6	7.231	99	126733	85.662	ng	0.00
23) Nitrobenzene-d5	9.223	82	126813	83.278	ng	-0.01
42) 2,4,6-Tribromophenol	16.179	330	111632	97.994	ng	0.00
45) 2-Fluorobiphenyl	13.318	172	376202	77.155	ng	0.00
79) Terphenyl-d14	20.039	244	876405	79.446	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.512	88	18474	38.751	ng	95
3) Pyridine	3.911	79	48793	38.354	ng	93
4) n-Nitrosodimethylamine	3.829	42	23665	42.290	ng	# 88
6) Aniline	7.384	93	72497	41.331	ng	98
8) 2-Chlorophenol	7.630	128	49535	42.539	ng	91
9) Benzaldehyde	7.196	77	32951	37.738	ng	80
10) Phenol	7.254	94	63403	42.287	ng	97
11) bis(2-Chloroethyl)ether	7.478	93	46412	40.329	ng	92
12) 1,3-Dichlorobenzene	7.954	146	58687	40.221	ng	93
13) 1,4-Dichlorobenzene	8.100	146	58939	40.212	ng	97
14) 1,2-Dichlorobenzene	8.418	146	56417	40.096	ng	97
15) Benzyl Alcohol	8.300	79	49179	44.476	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.588	45	67642	39.318	ng	95
17) 2-Methylphenol	8.506	107	45205	43.401	ng	90
18) Hexachloroethane	9.146	117	20754	42.683	ng	# 80
19) n-Nitroso-di-n-propyla...	8.870	70	42954	43.216	ng	98
20) 3+4-Methylphenols	8.835	107	64361	44.062	ng	95
22) Acetophenone	8.882	105	82914	39.861	ng	# 98
24) Nitrobenzene	9.270	77	63195	42.143	ng	# 91
25) Isophorone	9.793	82	115479	40.605	ng	# 94
26) 2-Nitrophenol	9.981	139	31528	47.602	ng	# 86
27) 2,4-Dimethylphenol	10.039	122	44620	41.622	ng	90
28) bis(2-Chloroethoxy)met...	10.268	93	60047	39.193	ng	98
29) 2,4-Dichlorophenol	10.521	162	64204	44.669	ng	92
30) 1,2,4-Trichlorobenzene	10.738	180	72350	40.652	ng	92
31) Naphthalene	10.927	128	172003	39.816	ng	99
32) Benzoic acid	10.192	122	21561	46.596	ng	# 82
33) 4-Chloroaniline	11.026	127	77168	43.058	ng	93
34) Hexachlorobutadiene	11.209	225	58792	42.967	ng	96
35) Caprolactam	11.796	113	19870	50.217	ng	# 86
36) 4-Chloro-3-methylphenol	12.154	107	64894	46.445	ng	88
37) 2-Methylnaphthalene	12.525	142	134670	42.134	ng	97
38) 1-Methylnaphthalene	12.742	142	130882	42.055	ng	97
40) 1,2,4,5-Tetrachloroben...	12.895	216	106745	39.072	ng	# 95
41) Hexachlorocyclopentadiene	12.871	237	57714	45.367	ng	99
43) 2,4,6-Trichlorophenol	13.130	196	65233	42.507	ng	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.206	196	75730	44.195	ng	# 89
46) 1,1'-Biphenyl	13.523	154	189389	38.348	ng	99
47) 2-Chloronaphthalene	13.570	162	160213	40.084	ng	95
48) 2-Nitroaniline	13.770	65	48666	45.773	ng	# 84
49) Acenaphthylene	14.417	152	249416	40.131	ng	98
50) Dimethylphthalate	14.140	163	228706	42.355	ng	100
51) 2,6-Dinitrotoluene	14.264	165	51654	47.346	ng	# 74
52) Acenaphthene	14.757	154	163840m	41.356	ng	
53) 3-Nitroaniline	14.593	138	49761	47.079	ng	84
54) 2,4-Dinitrophenol	14.804	184	24577	44.279	ng	# 76
55) Dibenzofuran	15.086	168	265113	41.534	ng	93
56) 4-Nitrophenol	14.910	139	33044	44.035	ng	88
57) 2,4-Dinitrotoluene	15.051	165	76440	49.611	ng	# 82
58) Fluorene	15.739	166	224381	42.814	ng	95
59) 2,3,4,6-Tetrachlorophenol	15.321	232	78208	46.671	ng	# 89
60) Diethylphthalate	15.498	149	230836	44.143	ng	97
61) 4-Chlorophenyl-phenyle...	15.727	204	136686	43.565	ng	# 88
62) 4-Nitroaniline	15.756	138	51869	47.057	ng	# 78
63) Azobenzene	16.021	77	180480	42.876	ng	90
65) 4,6-Dinitro-2-methylph...	15.821	198	48937	48.423	ng	79
66) n-Nitrosodiphenylamine	15.938	169	202189	38.298	ng	98
67) 4-Bromophenyl-phenylether	16.620	248	102835	40.646	ng	# 91
68) Hexachlorobenzene	16.749	284	113775	39.314	ng	# 92
69) Atrazine	16.884	200	88549	40.489	ng	93
70) Pentachlorophenol	17.090	266	52785	39.265	ng	93
71) Phenanthrene	17.478	178	408296	39.231	ng	97
72) Anthracene	17.572	178	398294	39.190	ng	99
73) Carbazole	17.836	167	344723	39.517	ng	97
74) Di-n-butylphthalate	18.388	149	414192	41.065	ng	# 98
75) Fluoranthene	19.487	202	536767	39.289	ng	97
77) Benzidine	19.657	184	187471	40.744	ng	97
78) Pyrene	19.851	202	541122	40.324	ng	97
80) Butylbenzylphthalate	20.727	149	185222	43.062	ng	# 87
81) Benzo(a)anthracene	21.690	228	574356	39.925	ng	99
82) 3,3'-Dichlorobenzidine	21.602	252	175662	40.870	ng	96
83) Chrysene	21.761	228	537318	39.184	ng	97
84) Bis(2-ethylhexyl)phtha...	21.590	149	257181	41.806	ng	# 93
85) Di-n-octyl phthalate	22.807	149	440954	41.704	ng	# 94
87) Indeno(1,2,3-cd)pyrene	28.706	276	699263	39.566	ng	100
88) Benzo(b)fluoranthene	23.935	252	569495	39.994	ng	100
89) Benzo(k)fluoranthene	24.005	252	542823	38.502	ng	98
90) Benzo(a)pyrene	24.816	252	477987	39.784	ng	99
91) Dibenzo(a,h)anthracene	28.759	278	571906	39.133	ng	99
92) Benzo(g,h,i)perylene	29.869	276	573515	39.765	ng	94

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

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