

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061422\
 Data File : BG053899.D
 Acq On : 14 Jun 2022 12:21
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/15/2022
 Supervised By :Jagrut Upadhyay 06/15/2022

Quant Time: Jun 15 02:58:18 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 13 15:49:31 2022

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.087	152	23675	20.000	ng	0.00
21) Naphthalene-d8	10.896	136	90126	20.000	ng	0.00
39) Acenaphthene-d10	14.709	164	67158	20.000	ng	0.00
64) Phenanthrene-d10	17.453	188	168518	20.000	ng	# 0.00
76) Chrysene-d12	21.730	240	192982	20.000	ng	0.00
86) Perylene-d12	24.997	264	203521	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.649	112	102757	82.983	ng	0.00
7) Phenol-d6	7.236	99	140031	83.360	ng	0.00
23) Nitrobenzene-d5	9.245	82	132410	82.561	ng	0.00
42) 2,4,6-Tribromophenol	16.196	330	86447	80.117	ng	0.00
45) 2-Fluorobiphenyl	13.340	172	367318	79.533	ng	0.00
79) Terphenyl-d14	20.062	244	755289	78.827	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.552	88	22395	41.372	ng	98
3) Pyridine	3.945	79	61900	42.852	ng	93
4) n-Nitrosodimethylamine	3.857	42	26558	41.798	ng	# 97
6) Aniline	7.406	93	81595	40.969	ng	99
8) 2-Chlorophenol	7.647	128	54868	41.498	ng	95
9) Benzaldehyde	7.218	77	37247	37.570	ng	# 77
10) Phenol	7.265	94	70197	41.234	ng	94
11) bis(2-Chloroethyl)ether	7.500	93	53217	40.727	ng	94
12) 1,3-Dichlorobenzene	7.976	146	65848	39.745	ng	92
13) 1,4-Dichlorobenzene	8.123	146	66777	40.125	ng	97
14) 1,2-Dichlorobenzene	8.440	146	64479	40.360	ng	95
15) Benzyl Alcohol	8.317	79	52091	41.490	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.616	45	79601	40.751	ng	100
17) 2-Methylphenol	8.522	107	47581	40.233	ng	92
18) Hexachloroethane	9.180	117	22898	41.475	ng	# 80
19) n-Nitroso-di-n-propyla...	8.887	70	45467	40.288	ng	# 93
20) 3+4-Methylphenols	8.845	107	67097	40.456	ng	96
22) Acetophenone	8.904	105	88438	40.369	ng	# 96
24) Nitrobenzene	9.286	77	65338	41.372	ng	# 84
25) Isophorone	9.809	82	121047	40.413	ng	# 94
26) 2-Nitrophenol	10.003	139	28652	41.075	ng	# 81
27) 2,4-Dimethylphenol	10.056	122	45888	40.643	ng	89
28) bis(2-Chloroethoxy)met...	10.291	93	65077	40.331	ng	99
29) 2,4-Dichlorophenol	10.538	162	63915	42.222	ng	88
30) 1,2,4-Trichlorobenzene	10.755	180	75553	40.308	ng	96
31) Naphthalene	10.949	128	181270	39.841	ng	100
32) Benzoic acid	10.209	122	14516m	33.858	ng	
33) 4-Chloroaniline	11.043	127	76944	40.765	ng	# 91
34) Hexachlorobutadiene	11.237	225	58912	40.881	ng	95
35) Caprolactam	11.813	113	17593	42.217	ng	# 81
36) 4-Chloro-3-methylphenol	12.159	107	59741	40.597	ng	87
37) 2-Methylnaphthalene	12.547	142	135489	40.249	ng	95
38) 1-Methylnaphthalene	12.764	142	130732	39.885	ng	98
40) 1,2,4,5-Tetrachloroben...	12.911	216	103502	39.997	ng	# 96
41) Hexachlorocyclopentadiene	12.899	237	49522	41.098	ng	94
43) 2,4,6-Trichlorophenol	13.146	196	59057	40.628	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.217	196	66193	40.783	ng	# 92
46) 1,1'-Biphenyl	13.546	154	182873	39.093	ng	98
47) 2-Chloronaphthalene	13.593	162	151548	40.030	ng	96
48) 2-Nitroaniline	13.781	65	41675	41.382	ng	89
49) Acenaphthylene	14.433	152	235394	39.986	ng	100
50) Dimethylphthalate	14.157	163	203628	39.813	ng	97
51) 2,6-Dinitrotoluene	14.274	165	43577	42.170	ng	# 77
52) Acenaphthene	14.774	154	150142	40.011	ng	100
53) 3-Nitroaniline	14.603	138	41215	41.168	ng	86
54) 2,4-Dinitrophenol	14.809	184	18719	36.986	ng	# 75
55) Dibenzofuran	15.109	168	241244	39.902	ng	94
56) 4-Nitrophenol	14.903	139	31327	44.074	ng	# 80
57) 2,4-Dinitrotoluene	15.062	165	61122	41.881	ng	86
58) Fluorene	15.755	166	199960	40.282	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.332	232	63659	40.107	ng	# 90
60) Diethylphthalate	15.520	149	199693	40.316	ng	98
61) 4-Chlorophenyl-phenyle...	15.749	204	116736	39.280	ng	# 87
62) 4-Nitroaniline	15.767	138	42999	41.184	ng	# 75
63) Azobenzene	16.037	77	162726	40.814	ng	91
65) 4,6-Dinitro-2-methylph...	15.825	198	34673	41.241	ng	83
66) n-Nitrosodiphenylamine	15.955	169	176948	40.290	ng	96
67) 4-Bromophenyl-phenylether	16.642	248	84594	40.193	ng	92
68) Hexachlorobenzene	16.766	284	94912	39.423	ng	# 93
69) Atrazine	16.901	200	74988	41.217	ng	95
70) Pentachlorophenol	17.106	266	44356	39.662	ng	94
71) Phenanthrene	17.494	178	347458	40.132	ng	97
72) Anthracene	17.588	178	342071	40.459	ng	99
73) Carbazole	17.853	167	296286	40.827	ng	99
74) Di-n-butylphthalate	18.411	149	346913	41.345	ng	# 97
75) Fluoranthene	19.504	202	459462	40.426	ng	97
77) Benzidine	19.674	184	176987	44.286	ng	98
78) Pyrene	19.862	202	463292	39.748	ng	97
80) Butylbenzylphthalate	20.749	149	155032	41.497	ng	87
81) Benzo(a)anthracene	21.713	228	499445	39.971	ng	98
82) 3,3'-Dichlorobenzidine	21.619	252	152891	40.955	ng	95
83) Chrysene	21.777	228	466155	39.138	ng	96
84) Bis(2-ethylhexyl)phtha...	21.619	149	220387	41.246	ng	95
85) Di-n-octyl phthalate	22.847	149	383056	41.710	ng	# 94
87) Indeno(1,2,3-cd)pyrene	28.734	276	624742	40.677	ng	# 96
88) Benzo(b)fluoranthene	23.963	252	487993	39.435	ng	98
89) Benzo(k)fluoranthene	24.034	252	500724	40.869	ng	98
90) Benzo(a)pyrene	24.844	252	423687	40.580	ng	98
91) Dibenzo(a,h)anthracene	28.799	278	511606	40.283	ng	99
92) Benzo(g,h,i)perylene	29.903	276	507814	40.516	ng	95

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

