

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080522\
 Data File : BG054530.D
 Acq On : 5 Aug 2022 11:09
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

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

Quant Time: Aug 06 05:38:57 2022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Jul 28 04:30:50 2022

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.977	152	16706	20.000	ng	-0.01
21) Naphthalene-d8	10.791	136	58486	20.000	ng	# 0.00
39) Acenaphthene-d10	14.622	164	44848	20.000	ng	0.00
64) Phenanthrene-d10	17.366	188	118861	20.000	ng	# 0.00
76) Chrysene-d12	21.637	240	142356	20.000	ng	# 0.00
86) Perylene-d12	24.845	264	153566	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.562	112	69812	87.250	ng	0.00
7) Phenol-d6	7.178	99	91598	83.545	ng	0.00
23) Nitrobenzene-d5	9.146	82	92501	86.129	ng	0.00
42) 2,4,6-Tribromophenol	16.120	330	68840	73.106	ng	0.00
45) 2-Fluorobiphenyl	13.241	172	256421	80.657	ng	0.00
79) Terphenyl-d14	19.974	244	584086	81.395	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.400	88	14038	44.100	ng	93
3) Pyridine	3.805	79	36308	44.962	ng	90
4) n-Nitrosodimethylamine	3.723	42	20340	45.047	ng	# 79
6) Aniline	7.301	93	51561	40.742	ng	97
8) 2-Chlorophenol	7.554	128	38462	41.828	ng	95
9) Benzaldehyde	7.113	77	24300	44.181	ng	82
10) Phenol	7.207	94	46015	42.242	ng	95
11) bis(2-Chloroethyl)ether	7.395	93	33437	42.099	ng	94
12) 1,3-Dichlorobenzene	7.871	146	47683	42.560	ng	92
13) 1,4-Dichlorobenzene	8.012	146	48421	41.851	ng	99
14) 1,2-Dichlorobenzene	8.335	146	46627	42.737	ng	99
15) Benzyl Alcohol	8.224	79	35919	39.833	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.506	45	44945	44.932	ng	92
17) 2-Methylphenol	8.447	107	32209	41.023	ng	93
18) Hexachloroethane	9.058	117	16991	44.352	ng	# 67
19) n-Nitroso-di-n-propyla...	8.782	70	29750	40.634	ng	# 93
20) 3+4-Methylphenols	8.782	107	43973	39.749	ng	# 89
22) Acetophenone	8.805	105	59331	42.179	ng	# 100
24) Nitrobenzene	9.187	77	45086	42.955	ng	# 85
25) Isophorone	9.710	82	76862	41.150	ng	# 92
26) 2-Nitrophenol	9.904	139	22339	42.224	ng	92
27) 2,4-Dimethylphenol	9.980	122	30491	41.720	ng	89
28) bis(2-Chloroethoxy)met...	10.186	93	39603	42.039	ng	# 96
29) 2,4-Dichlorophenol	10.462	162	44984	40.777	ng	88
30) 1,2,4-Trichlorobenzene	10.656	180	55642	40.726	ng	93
31) Naphthalene	10.838	128	121848	41.503	ng	99
32) Benzoic acid	10.145	122	6497m	26.487	ng	
33) 4-Chloroaniline	10.956	127	49121	41.143	ng	# 90
34) Hexachlorobutadiene	11.120	225	50010	41.418	ng	99
35) Caprolactam	11.731	113	11383	40.980	ng	87
36) 4-Chloro-3-methylphenol	12.107	107	41425	41.277	ng	91
37) 2-Methylnaphthalene	12.448	142	89869	39.861	ng	98
38) 1-Methylnaphthalene	12.665	142	85947	39.122	ng	96
40) 1,2,4,5-Tetrachloroben...	12.818	216	77875	39.634	ng	# 97
41) Hexachlorocyclopentadiene	12.795	237	15953	30.842	ng	97
43) 2,4,6-Trichlorophenol	13.071	196	41353	38.653	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.165	196	42309	35.000	ng	# 91
46) 1,1'-Biphenyl	13.453	154	124930	40.718	ng	96
47) 2-Chloronaphthalene	13.500	162	105120	40.939	ng	96
48) 2-Nitroaniline	13.705	65	29456	43.957	ng	92
49) Acenaphthylene	14.346	152	155812	40.838	ng	99
50) Dimethylphthalate	14.070	163	140645	40.149	ng	98
51) 2,6-Dinitrotoluene	14.199	165	30930	40.255	ng	# 75
52) Acenaphthene	14.687	154	94725	41.000	ng	99
53) 3-Nitroaniline	14.534	138	27385	42.615	ng	94
54) 2,4-Dinitrophenol	14.769	184	12895m	33.127	ng	
55) Dibenzofuran	15.021	168	165747	40.319	ng	94
56) 4-Nitrophenol	14.904	139	15527	36.216	ng	93
57) 2,4-Dinitrotoluene	14.998	165	45793	41.573	ng	87
58) Fluorene	15.668	166	136800	40.475	ng	95
59) 2,3,4,6-Tetrachlorophenol	15.268	232	37838	32.151	ng	# 87
60) Diethylphthalate	15.427	149	136516	40.623	ng	95
61) 4-Chlorophenyl-phenyle...	15.656	204	89583	40.378	ng	# 88
62) 4-Nitroaniline	15.697	138	30077	44.550	ng	87
63) Azobenzene	15.950	77	101646	41.862	ng	85
65) 4,6-Dinitro-2-methylph...	15.774	198	25865	35.222	ng	82
66) n-Nitrosodiphenylamine	15.873	169	122531	41.290	ng	94
67) 4-Bromophenyl-phenylether	16.549	248	66026	39.552	ng	# 90
68) Hexachlorobenzene	16.684	284	76234	39.933	ng	# 89
69) Atrazine	16.819	200	54622	41.363	ng	95
70) Pentachlorophenol	17.043	266	26207	33.936	ng	92
71) Phenanthrene	17.413	178	242064	40.895	ng	99
72) Anthracene	17.501	178	239111	41.165	ng	99
73) Carbazole	17.777	167	204785	42.823	ng	97
74) Di-n-butylphthalate	18.318	149	241727	42.834	ng	# 98
75) Fluoranthene	19.428	202	322844	40.011	ng	96
77) Benzidine	19.598	184	106614	41.353	ng	# 97
78) Pyrene	19.786	202	336775	41.230	ng	99
80) Butylbenzylphthalate	20.656	149	108287	42.541	ng	# 85
81) Benzo(a)anthracene	21.620	228	364867	40.376	ng	98
82) 3,3'-Dichlorobenzidine	21.526	252	117214	41.707	ng	# 96
83) Chrysene	21.684	228	346124	40.541	ng	98
84) Bis(2-ethylhexyl)phtha...	21.508	149	151856	42.160	ng	# 92
85) Di-n-octyl phthalate	22.701	149	262984	42.798	ng	# 93
87) Indeno(1,2,3-cd)pyrene	28.541	276	472097	40.411	ng	# 96
88) Benzo(b)fluoranthene	23.829	252	360950	39.745	ng	# 98
89) Benzo(k)fluoranthene	23.893	252	374411	41.425	ng	# 97
90) Benzo(a)pyrene	24.698	252	315762	40.713	ng	99
91) Dibenzo(a,h)anthracene	28.582	278	393176	40.929	ng	# 94
92) Benzo(g,h,i)perylene	29.698	276	383926	40.494	ng	# 93

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

