

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122022\
 Data File : BG056025.D
 Acq On : 20 Dec 2022 11:19
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By : Christian Giraldo 12/21/2022
 Supervised By : Jagrut Upadhyay 12/21/2022

Quant Time: Dec 21 02:35:06 2022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Dec 21 01:11:10 2022

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.365	152	9505	20.000	ng	0.00
21) Naphthalene-d8	11.197	136	35371	20.000	ng	# 0.00
39) Acenaphthene-d10	14.975	164	32376	20.000	ng	0.00
64) Phenanthrene-d10	17.707	188	92654	20.000	ng	# 0.00
76) Chrysene-d12	22.014	240	93137	20.000	ng	0.00
86) Perylene-d12	25.498	264	112089	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.880	112	31945	78.818	ng	0.00
7) Phenol-d6	7.495	99	41871	80.325	ng	0.00
23) Nitrobenzene-d5	9.540	82	45871	90.627	ng	0.00
42) 2,4,6-Tribromophenol	16.449	330	66239	84.848	ng	0.00
45) 2-Fluorobiphenyl	13.600	172	193275	83.724	ng	0.00
79) Terphenyl-d14	20.280	244	460765	87.436	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.706	88	5077	43.044	ng	# 92
3) Pyridine	4.129	79	16146	41.596	ng	96
4) n-Nitrosodimethylamine	4.035	42	12779	36.623	ng	87
6) Aniline	7.672	93	25407	40.709	ng	96
8) 2-Chlorophenol	7.918	128	20671	39.532	ng	94
9) Benzaldehyde	7.489	77	12410	37.908	ng	91
10) Phenol	7.519	94	22731	39.844	ng	97
11) bis(2-Chloroethyl)ether	7.766	93	15661	42.143	ng	88
12) 1,3-Dichlorobenzene	8.253	146	26356	38.965	ng	95
13) 1,4-Dichlorobenzene	8.400	146	26928	38.955	ng	98
14) 1,2-Dichlorobenzene	8.723	146	25290	38.282	ng	98
15) Benzyl Alcohol	8.594	79	20730	38.273	ng	91
16) 2,2'-oxybis(1-Chloropr...	8.888	45	22230	45.962	ng	97
17) 2-Methylphenol	8.788	107	18396	40.983	ng	# 89
18) Hexachloroethane	9.464	117	8390	39.984	ng	97
19) n-Nitroso-di-n-propyla...	9.170	70	15119	40.464	ng	# 97
20) 3+4-Methylphenols	9.117	107	25968	40.540	ng	99
22) Acetophenone	9.187	105	35017	39.936	ng	# 98
24) Nitrobenzene	9.581	77	24035	47.176	ng	97
25) Isophorone	10.104	82	43191	40.694	ng	98
26) 2-Nitrophenol	10.292	139	13493	44.739	ng	98
27) 2,4-Dimethylphenol	10.333	122	20063m	39.610	ng	
28) bis(2-Chloroethoxy)met...	10.580	93	20393	43.475	ng	98
29) 2,4-Dichlorophenol	10.833	162	29006	40.347	ng	97
30) 1,2,4-Trichlorobenzene	11.056	180	37285	39.896	ng	94
31) Naphthalene	11.250	128	75182	40.283	ng	97
32) Benzoic acid	10.456	122	17594	41.380	ng	90
33) 4-Chloroaniline	11.344	127	32996	41.241	ng	97
34) Hexachlorobutadiene	11.526	225	34214	38.941	ng	93
35) Caprolactam	12.113	113	8207	40.973	ng	97
36) 4-Chloro-3-methylphenol	12.431	107	27590	40.927	ng	93
37) 2-Methylnaphthalene	12.824	142	65475	39.708	ng	98
38) 1-Methylnaphthalene	13.042	142	64004	39.845	ng	98
40) 1,2,4,5-Tetrachloroben...	13.183	216	56889	41.647	ng	99
41) Hexachlorocyclopentadiene	13.165	237	34643	44.704	ng	95
43) 2,4,6-Trichlorophenol	13.412	196	35888	44.382	ng	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.482	196	39666	43.517	ng	99
46) 1,1'-Biphenyl	13.811	154	93556	42.632	ng	95
47) 2-Chloronaphthalene	13.864	162	75177	42.160	ng	94
48) 2-Nitroaniline	14.052	65	17326	49.214	ng	94
49) Acenaphthylene	14.699	152	118984	41.804	ng	99
50) Dimethylphthalate	14.411	163	112469	40.180	ng	98
51) 2,6-Dinitrotoluene	14.534	165	22158	51.155	ng	90
52) Acenaphthene	15.039	154	81022	42.403	ng	95
53) 3-Nitroaniline	14.863	138	20579	46.708	ng	92
54) 2,4-Dinitrophenol	15.063	184	14250	44.252	ng	# 88
55) Dibenzofuran	15.368	168	131785	41.014	ng	98
56) 4-Nitrophenol	15.145	139	17102	48.439	ng	92
57) 2,4-Dinitrotoluene	15.315	165	31677	48.448	ng	# 91
58) Fluorene	16.015	166	106514	40.552	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.586	232	45031m	43.244	ng	
60) Diethylphthalate	15.762	149	107085	39.141	ng	99
61) 4-Chlorophenyl-phenyle...	15.997	204	72977	40.784	ng	96
62) 4-Nitroaniline	16.021	138	22433	46.754	ng	94
63) Azobenzene	16.291	77	68144	40.923	ng	98
65) 4,6-Dinitro-2-methylph...	16.073	198	21183	47.859	ng	90
66) n-Nitrosodiphenylamine	16.209	169	98438	40.542	ng	99
67) 4-Bromophenyl-phenylether	16.890	248	54724	40.307	ng	95
68) Hexachlorobenzene	17.014	284	64847	38.777	ng	99
69) Atrazine	17.143	200	42962	39.078	ng	100
70) Pentachlorophenol	17.348	266	41987	43.917	ng	91
71) Phenanthrene	17.754	178	197202	40.614	ng	98
72) Anthracene	17.842	178	190507	39.658	ng	99
73) Carbazole	18.100	167	155535	39.258	ng	98
74) Di-n-butylphthalate	18.641	149	175816	38.159	ng	99
75) Fluoranthene	19.740	202	257783	37.914	ng	100
77) Benzidine	19.904	184	68579	41.928	ng	98
78) Pyrene	20.098	202	259281	46.006	ng	99
80) Butylbenzylphthalate	20.962	149	73520	46.037	ng	98
81) Benzo(a)anthracene	21.996	228	280564	42.809	ng	99
82) 3,3'-Dichlorobenzidine	21.890	252	102715	43.560	ng	97
83) Chrysene	22.066	228	262515	42.738	ng	100
84) Bis(2-ethylhexyl)phtha...	21.867	149	101740	42.881	ng	97
85) Di-n-octyl phthalate	23.171	149	172807	42.937	ng	100
87) Indeno(1,2,3-cd)pyrene	29.522	276	351987	39.051	ng	# 98
88) Benzo(b)fluoranthene	24.387	252	288884	39.823	ng	100
89) Benzo(k)fluoranthene	24.464	252	287479	39.720	ng	99
90) Benzo(a)pyrene	25.333	252	243474	39.706	ng	98
91) Dibenzo(a,h)anthracene	29.593	278	295597	39.182	ng	98
92) Benzo(g,h,i)perylene	30.791	276	284605	39.018	ng	98

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

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