

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041823\
 Data File : BG057131.D
 Acq On : 18 Apr 2023 19:05
 Operator : CG/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/19/2023

Supervised By :Jagrut Upadhyay 04/19/2023

Quant Time: Apr 19 04:11:11 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041823.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Apr 19 03:30:08 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.399	152	9645	20.000	ng	0.00
21) Naphthalene-d8	11.236	136	39982	20.000	ng	# 0.00
39) Acenaphthene-d10	15.008	164	44630	20.000	ng	0.00
64) Phenanthrene-d10	17.751	188	101933	20.000	ng	# 0.00
76) Chrysene-d12	22.069	240	85058	20.000	ng	0.00
86) Perylene-d12	25.593	264	90872	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.908	112	66193	116.884	ng	0.00
7) Phenol-d6	7.529	99	79086	94.471	ng	0.00
23) Nitrobenzene-d5	9.580	82	86186	94.932	ng	0.00
42) 2,4,6-Tribromophenol	16.494	330	67030	88.528	ng	0.00
45) 2-Fluorobiphenyl	13.639	172	313043	92.410	ng	0.00
79) Terphenyl-d14	20.318	244	523377	93.089	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.711	88	17969	52.106	ng	96
3) Pyridine	4.134	79	37333	52.591	ng	# 93
4) n-Nitrosodimethylamine	4.046	42	18303	51.546	ng	90
6) Aniline	7.706	93	50642	48.132	ng	99
8) 2-Chlorophenol	7.952	128	27431	47.877	ng	96
9) Benzaldehyde	7.518	77	21748	43.648	ng	96
10) Phenol	7.559	94	37798	46.587	ng	97
11) bis(2-Chloroethyl)ether	7.794	93	27198	48.470	ng	95
12) 1,3-Dichlorobenzene	8.281	146	31082	46.920	ng	98
13) 1,4-Dichlorobenzene	8.434	146	30768	45.089	ng	99
14) 1,2-Dichlorobenzene	8.757	146	29932	43.095	ng	92
15) Benzyl Alcohol	8.628	79	34201	46.884	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.916	45	31405m	37.463	ng	
17) 2-Methylphenol	8.828	107	29199	41.011	ng	96
18) Hexachloroethane	9.497	117	10845	38.690	ng	# 75
19) n-Nitroso-di-n-propyla...	9.198	70	28854	38.409	ng	# 92
20) 3+4-Methylphenols	9.157	107	39505	38.774	ng	94
22) Acetophenone	9.227	105	50568	45.909	ng	# 98
24) Nitrobenzene	9.621	77	43417	47.983	ng	96
25) Isophorone	10.138	82	77778	45.525	ng	95
26) 2-Nitrophenol	10.337	139	18228	48.277	ng	# 87
27) 2,4-Dimethylphenol	10.379	122	30947m	48.968	ng	
28) bis(2-Chloroethoxy)met...	10.613	93	39519	45.049	ng	97
29) 2,4-Dichlorophenol	10.878	162	33572	50.267	ng	98
30) 1,2,4-Trichlorobenzene	11.095	180	36986	49.676	ng	92
31) Naphthalene	11.289	128	101001	47.489	ng	99
32) Benzoic acid	10.508	122	17788m	58.137	ng	
33) 4-Chloroaniline	11.389	127	46291	47.994	ng	94
34) Hexachlorobutadiene	11.559	225	28156	51.987	ng	91
35) Caprolactam	12.153	113	14107	61.740	ng	# 74
36) 4-Chloro-3-methylphenol	12.476	107	55927	72.724	ng	98
37) 2-Methylnaphthalene	12.863	142	121084	74.744	ng	97
38) 1-Methylnaphthalene	13.081	142	112754	72.889	ng	99
40) 1,2,4,5-Tetrachloroben...	13.222	216	71923	47.879	ng	98
41) Hexachlorocyclopentadiene	13.198	237	35092	50.666	ng	85
43) 2,4,6-Trichlorophenol	13.451	196	46324	46.814	ng	90

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.533	196	52459	45.378	ng	95
46) 1,1'-Biphenyl	13.850	154	157750	45.194	ng	98
47) 2-Chloronaphthalene	13.897	162	119012	47.439	ng	99
48) 2-Nitroaniline	14.091	65	41463	48.929	ng	98
49) Acenaphthylene	14.737	152	193184	47.746	ng	100
50) Dimethylphthalate	14.449	163	167106	46.307	ng	98
51) 2,6-Dinitrotoluene	14.573	165	36602	47.783	ng	94
52) Acenaphthene	15.078	154	120008	46.652	ng	97
53) 3-Nitroaniline	14.908	138	37535	47.727	ng #	87
54) 2,4-Dinitrophenol	15.113	184	21593	50.349	ng	94
55) Dibenzofuran	15.407	168	193647	46.807	ng	98
56) 4-Nitrophenol	15.201	139	26677	50.937	ng	95
57) 2,4-Dinitrotoluene	15.360	165	51871	48.037	ng #	99
58) Fluorene	16.053	166	160062	44.423	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.630	232	47808	49.956	ng #	93
60) Diethylphthalate	15.795	149	170257	46.401	ng	98
61) 4-Chlorophenyl-phenyle...	16.030	204	91678	44.017	ng	94
62) 4-Nitroaniline	16.065	138	39171	48.527	ng	98
63) Azobenzene	16.323	77	166628	48.362	ng	97
65) 4,6-Dinitro-2-methylph...	16.124	198	32926	47.687	ng	94
66) n-Nitrosodiphenylamine	16.241	169	138602	45.784	ng	97
67) 4-Bromophenyl-phenylether	16.923	248	59098	45.767	ng	96
68) Hexachlorobenzene	17.058	284	63081	45.794	ng	99
69) Atrazine	17.175	200	50713	44.578	ng	97
70) Pentachlorophenol	17.398	266	36650	50.257	ng	92
71) Phenanthrene	17.792	178	256545	48.530	ng	100
72) Anthracene	17.880	178	260919	47.789	ng	97
73) Carbazole	18.144	167	225255	49.292	ng	96
74) Di-n-butylphthalate	18.667	149	272647	50.914	ng	98
75) Fluoranthene	19.778	202	299309	48.224	ng	97
77) Benzidine	19.942	184	99787	42.734	ng	98
78) Pyrene	20.142	202	300818	47.239	ng	99
80) Butylbenzylphthalate	20.994	149	113653	48.566	ng	93
81) Benzo(a)anthracene	22.045	228	283044	46.560	ng	99
82) 3,3'-Dichlorobenzidine	21.939	252	96495	46.755	ng	96
83) Chrysene	22.116	228	264891	47.175	ng	99
84) Bis(2-ethylhexyl)phtha...	21.892	149	157452	49.044	ng	99
85) Di-n-octyl phthalate	23.202	149	262656	48.491	ng	100
87) Indeno(1,2,3-cd)pyrene	29.676	276	322983	47.720	ng	99
88) Benzo(b)fluoranthene	24.465	252	276757	47.624	ng	98
89) Benzo(k)fluoranthene	24.542	252	276754	47.070	ng	99
90) Benzo(a)pyrene	25.429	252	267195	47.625	ng	97
91) Dibenzo(a,h)anthracene	29.735	278	269771	47.496	ng	97
92) Benzo(g,h,i)perylene	30.957	276	255346	47.094	ng	97

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

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