

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042023\
 Data File : BG057142.D
 Acq On : 20 Apr 2023 12:12
 Operator : CG/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC005

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/21/2023
 Supervised By : Jagrut Upadhyay 04/24/2023

Quant Time: Apr 21 05:01:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 21 04:59:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.389	152	8537	20.000	ng	0.00
21) Naphthalene-d8	11.233	136	33452	20.000	ng	# 0.00
39) Acenaphthene-d10	15.004	164	26724	20.000	ng	0.00
64) Phenanthrene-d10	17.741	188	66421	20.000	ng	# 0.00
76) Chrysene-d12	22.053	240	61342	20.000	ng	# 0.00
86) Perylene-d12	25.572	264	65711	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.904	112	5203	10.916	ng	0.00
7) Phenol-d6	7.520	99	8213	10.930	ng	0.00
23) Nitrobenzene-d5	9.564	82	7788	10.637	ng	0.00
42) 2,4,6-Tribromophenol	16.484	330	4509	9.712	ng	0.00
45) 2-Fluorobiphenyl	13.629	172	21857	10.844	ng	0.00
79) Terphenyl-d14	20.308	244	41293	10.419	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.713	88	1360	5.335	ng	# 92
3) Pyridine	4.136	79	3348	5.349	ng	# 79
4) n-Nitrosodimethylamine	4.036	42	1889	5.539	ng	# 97
6) Aniline	7.702	93	4703	5.064	ng	93
8) 2-Chlorophenol	7.949	128	2527	4.930	ng	86
9) Benzaldehyde	7.520	77	2702	6.223	ng	90
10) Phenol	7.549	94	3693	5.124	ng	90
11) bis(2-Chloroethyl)ether	7.784	93	2604	5.134	ng	88
12) 1,3-Dichlorobenzene	8.278	146	2873m	4.932	ng	
13) 1,4-Dichlorobenzene	8.430	146	3299	5.517	ng	93
14) 1,2-Dichlorobenzene	8.754	146	3340	5.767	ng	91
15) Benzyl Alcohol	8.618	79	2778	4.471	ng	# 81
16) 2,2'-oxybis(1-Chloropr...	8.906	45	3167	5.050	ng	72
17) 2-Methylphenol	8.824	107	2950	5.243	ng	# 82
18) Hexachloroethane	9.494	117	1077	5.125	ng	82
19) n-Nitroso-di-n-propyla...	9.182	70	2838	5.167	ng	# 78
20) 3+4-Methylphenols	9.153	107	3432	4.558	ng	91
22) Acetophenone	9.218	105	5024	5.669	ng	91
24) Nitrobenzene	9.611	77	3790	4.856	ng	# 87
25) Isophorone	10.128	82	7375	5.192	ng	98
26) 2-Nitrophenol	10.328	139	1417	4.470	ng	100
27) 2,4-Dimethylphenol	10.369	122	2746	5.119	ng	# 73
28) bis(2-Chloroethoxy)met...	10.604	93	4134	5.565	ng	94
29) 2,4-Dichlorophenol	10.874	162	3040	5.074	ng	92
30) 1,2,4-Trichlorobenzene	11.086	180	3349	5.195	ng	98
31) Naphthalene	11.280	128	9800	5.472	ng	95
32) Benzoic acid	10.469	122	404m	1.464	ng	
33) 4-Chloroaniline	11.385	127	4023	4.974	ng	# 92
34) Hexachlorobutadiene	11.556	225	2451	5.203	ng	91
35) Caprolactam	12.125	113	892	4.656	ng	# 91
36) 4-Chloro-3-methylphenol	12.472	107	3214	5.202	ng	# 83
37) 2-Methylnaphthalene	12.860	142	7749	5.473	ng	97
38) 1-Methylnaphthalene	13.071	142	6931	5.111	ng	# 98
40) 1,2,4,5-Tetrachloroben...	13.212	216	4867	5.265	ng	98
43) 2,4,6-Trichlorophenol	13.453	196	2833	4.942	ng	85
44) 2,4,5-Trichlorophenol	13.524	196	3387	4.959	ng	# 88

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46) 1,1'-Biphenyl	13.841	154	10587	5.267	ng	92
47) 2-Chloronaphthalene	13.894	162	7941	5.285	ng	93
48) 2-Nitroaniline	14.082	65	2396	4.738	ng	94
49) Acenaphthylene	14.734	152	12695	5.249	ng	99
50) Dimethylphthalate	14.434	163	11004	5.241	ng	# 96
51) 2,6-Dinitrotoluene	14.569	165	2475	5.413	ng	# 85
52) Acenaphthene	15.068	154	7834	5.194	ng	93
53) 3-Nitroaniline	14.898	138	2037	4.602	ng	88
55) Dibenzofuran	15.397	168	13165	5.223	ng	97
56) 4-Nitrophenol	15.204	139	1198	4.008	ng	# 69
57) 2,4-Dinitrotoluene	15.350	165	3418	5.274	ng	# 88
58) Fluorene	16.044	166	10774	4.986	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.621	232	2745	4.673	ng	# 91
60) Diethylphthalate	15.779	149	10990	5.033	ng	98
61) 4-Chlorophenyl-phenyle...	16.026	204	6781	5.320	ng	# 90
62) 4-Nitroaniline	16.050	138	2467	4.803	ng	# 80
63) Azobenzene	16.314	77	10326	4.724	ng	86
65) 4,6-Dinitro-2-methylph...	16.108	198	1621	3.945	ng	85
66) n-Nitrosodiphenylamine	16.232	169	9609	5.157	ng	96
67) 4-Bromophenyl-phenylether	16.913	248	4337	5.252	ng	96
68) Hexachlorobenzene	17.048	284	4436	5.150	ng	92
69) Atrazine	17.166	200	4034	5.647	ng	85
71) Phenanthrene	17.782	178	17767	5.161	ng	99
72) Anthracene	17.871	178	18892	5.340	ng	97
73) Carbazole	18.135	167	15507	5.201	ng	98
74) Di-n-butylphthalate	18.658	149	17398	4.940	ng	99
75) Fluoranthene	19.768	202	22804	5.423	ng	96
77) Benzidine	19.933	184	9944	6.355	ng	98
78) Pyrene	20.132	202	22555	5.102	ng	98
80) Butylbenzylphthalate	20.984	149	7668	4.810	ng	89
81) Benzo(a)anthracene	22.030	228	21960	5.039	ng	95
82) 3,3'-Dichlorobenzidine	21.930	252	8108	5.396	ng	94
83) Chrysene	22.100	228	21035	5.122	ng	98
84) Bis(2-ethylhexyl)phtha...	21.883	149	11317	4.964	ng	# 96
85) Di-n-octyl phthalate	23.187	149	17974	4.790	ng	# 96
87) Indeno(1,2,3-cd)pyrene	29.619	276	26317	5.494	ng	# 88
88) Benzo(b)fluoranthene	24.432	252	22066	5.171	ng	# 92
89) Benzo(k)fluoranthene	24.515	252	22504	5.269	ng	# 93
90) Benzo(a)pyrene	25.407	252	21143	5.163	ng	# 97
91) Dibenzo(a,h)anthracene	29.696	278	21234	5.341	ng	97
92) Benzo(g,h,i)perylene	30.900	276	21066	5.474	ng	# 86

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

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