

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041823\
 Data File : BG057128.D
 Acq On : 18 Apr 2023 17:00
 Operator : CG/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC010

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/19/2023
 Supervised By :Jagrut Upadhyay 04/19/2023

Quant Time: Apr 19 04:07:12 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	8.393	152	8709	20.000	ng	# 0.00
21) Naphthalene-d8	11.236	136	33850	20.000	ng	# 0.00
39) Acenaphthene-d10	15.008	164	26559	20.000	ng	0.00
64) Phenanthrene-d10	17.745	188	68539	20.000	ng	# 0.00
76) Chrysene-d12	22.063	240	59029	20.000	ng	# 0.00
86) Perylene-d12	25.588	264	62844	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.908	112	8549	16.718	ng	0.00
7) Phenol-d6	7.530	99	13883	18.366	ng	0.00
23) Nitrobenzene-d5	9.574	82	14869	19.345	ng	0.00
42) 2,4,6-Tribromophenol	16.488	330	9271	20.576	ng	0.00
45) 2-Fluorobiphenyl	13.633	172	40241	19.962	ng	0.00
79) Terphenyl-d14	20.312	244	77226	19.792	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.717	88	3470	11.144	ng	98
3) Pyridine	4.140	79	6656	10.384	ng	99
4) n-Nitrosodimethylamine	4.046	42	3386	10.561	ng	# 94
6) Aniline	7.700	93	9119	9.599	ng	94
8) 2-Chlorophenol	7.953	128	4908	9.487	ng	96
9) Benzaldehyde	7.518	77	4859	10.800	ng	85
10) Phenol	7.553	94	6849	9.349	ng	93
11) bis(2-Chloroethyl)ether	7.794	93	5047	9.961	ng	99
12) 1,3-Dichlorobenzene	8.287	146	5560	9.295	ng	90
13) 1,4-Dichlorobenzene	8.434	146	5793	9.402	ng	96
14) 1,2-Dichlorobenzene	8.757	146	5364m	8.553	ng	
15) Benzyl Alcohol	8.634	79	5638	8.559	ng	# 84
16) 2,2'-oxybis(1-Chloropr...	8.916	45	5467	7.222	ng	87
17) 2-Methylphenol	8.828	107	5478	8.521	ng	95
18) Hexachloroethane	9.503	117	1845	7.289	ng	87
19) n-Nitroso-di-n-propyla...	9.192	70	5129	7.561	ng	# 96
20) 3+4-Methylphenols	9.163	107	7100	7.718	ng	96
22) Acetophenone	9.221	105	9586	10.279	ng	# 96
24) Nitrobenzene	9.621	77	7393	9.651	ng	95
25) Isophorone	10.132	82	13923	9.626	ng	97
26) 2-Nitrophenol	10.332	139	3107	9.720	ng	97
27) 2,4-Dimethylphenol	10.373	122	5121	9.571	ng	92
28) bis(2-Chloroethoxy)met...	10.608	93	6584	8.865	ng	# 89
29) 2,4-Dichlorophenol	10.872	162	5839	10.326	ng	87
30) 1,2,4-Trichlorobenzene	11.095	180	6621	10.504	ng	93
31) Naphthalene	11.283	128	17323	9.621	ng	95
32) Benzoic acid	10.467	122	1930m	7.451	ng	
33) 4-Chloroaniline	11.389	127	7625	9.338	ng	# 93
34) Hexachlorobutadiene	11.559	225	5256	11.463	ng	98
35) Caprolactam	12.129	113	1971	10.189	ng	# 79
36) 4-Chloro-3-methylphenol	12.482	107	5948	9.135	ng	90
37) 2-Methylnaphthalene	12.864	142	14305	10.430	ng	99
38) 1-Methylnaphthalene	13.081	142	12848	9.810	ng	# 96
40) 1,2,4,5-Tetrachloroben...	13.228	216	9280	10.381	ng	# 98
41) Hexachlorocyclopentadiene	13.198	237	3218	7.807	ng	81
43) 2,4,6-Trichlorophenol	13.457	196	6101	10.361	ng	96

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44) 2,4,5-Trichlorophenol	13.527	196	6822	9.916	ng	90
46) 1,1'-Biphenyl	13.845	154	19681	9.475	ng	96
47) 2-Chloronaphthalene	13.897	162	14766	9.891	ng	95
48) 2-Nitroaniline	14.091	65	4742	9.403	ng	93
49) Acenaphthylene	14.738	152	23189	9.631	ng	96
50) Dimethylphthalate	14.444	163	21323	9.929	ng	95
51) 2,6-Dinitrotoluene	14.567	165	4718	10.350	ng	96
52) Acenaphthene	15.072	154	14568	9.517	ng	95
53) 3-Nitroaniline	14.902	138	4620	9.872	ng	83
54) 2,4-Dinitrophenol	15.119	184	1933	7.574	ng #	76
55) Dibenzofuran	15.401	168	25180	10.228	ng	98
56) 4-Nitrophenol	15.202	139	2860	9.176	ng #	86
57) 2,4-Dinitrotoluene	15.354	165	6589	10.254	ng #	97
58) Fluorene	16.048	166	21287	9.928	ng	95
59) 2,3,4,6-Tetrachlorophenol	15.630	232	5761	10.116	ng #	92
60) Diethylphthalate	15.789	149	21596	9.890	ng	98
61) 4-Chlorophenyl-phenyle...	16.030	204	12438	10.035	ng #	86
62) 4-Nitroaniline	16.059	138	4581	7.495	ng #	78
63) Azobenzene	16.324	77	19076	7.648	ng	90
65) 4,6-Dinitro-2-methylph...	16.124	198	3925	8.454	ng	83
66) n-Nitrosodiphenylamine	16.241	169	18443	9.061	ng	94
67) 4-Bromophenyl-phenylether	16.923	248	8656	9.970	ng	89
68) Hexachlorobenzene	17.052	284	9176	9.907	ng	95
69) Atrazine	17.170	200	7491	9.793	ng	98
70) Pentachlorophenol	17.399	266	3818	7.786	ng	94
71) Phenanthrene	17.792	178	34260	9.638	ng	98
72) Anthracene	17.880	178	35880	9.774	ng	99
73) Carbazole	18.145	167	30572	9.950	ng	96
74) Di-n-butylphthalate	18.668	149	34073	9.463	ng	100
75) Fluoranthene	19.778	202	42689	10.229	ng	98
77) Benzidine	19.942	184	18631	11.497	ng	98
78) Pyrene	20.142	202	41490	9.388	ng	98
80) Butylbenzylphthalate	20.994	149	13828	8.515	ng	100
81) Benzo(a)anthracene	22.039	228	41265	9.781	ng	99
82) 3,3'-Dichlorobenzidine	21.934	252	14745	10.295	ng #	94
83) Chrysene	22.116	228	38543	9.891	ng	98
84) Bis(2-ethylhexyl)phtha...	21.893	149	19789	8.882	ng #	93
85) Di-n-octyl phthalate	23.203	149	32175	8.559	ng #	94
87) Indeno(1,2,3-cd)pyrene	29.664	276	46646	9.966	ng #	81
88) Benzo(b)fluoranthene	24.460	252	39366	9.795	ng #	94
89) Benzo(k)fluoranthene	24.530	252	40636	9.994	ng #	94
90) Benzo(a)pyrene	25.423	252	37630	9.699	ng #	98
91) Dibenzo(a,h)anthracene	29.729	278	39982	10.179	ng #	96
92) Benzo(g,h,i)perylene	30.927	276	38166m	10.178	ng	

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

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