

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041823\
 Data File : BG057129.D
 Acq On : 18 Apr 2023 17:42
 Operator : CG/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC020

Manual Integrations
 APPROVED

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

Quant Time: Apr 19 04:08:42 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	12132	20.000	ng	0.00
21) Naphthalene-d8	11.236	136	61781	20.000	ng	# 0.00
39) Acenaphthene-d10	15.013	164	40062	20.000	ng	0.00
64) Phenanthrene-d10	17.751	188	101011	20.000	ng	# 0.00
76) Chrysene-d12	22.068	240	77221	20.000	ng	0.00
86) Perylene-d12	25.599	264	89326	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.908	112	26250	36.850	ng	0.00
7) Phenol-d6	7.529	99	40541	38.500	ng	0.00
23) Nitrobenzene-d5	9.573	82	48529	34.593	ng	0.00
42) 2,4,6-Tribromophenol	16.494	330	28546	42.000	ng	0.00
45) 2-Fluorobiphenyl	13.639	172	136039	44.738	ng	0.00
79) Terphenyl-d14	20.318	244	224862	44.054	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.711	88	5874	13.541	ng	99
3) Pyridine	4.140	79	17055	19.100	ng	96
4) n-Nitrosodimethylamine	4.046	42	8050	18.023	ng	88
6) Aniline	7.705	93	26787	20.240	ng	94
8) 2-Chlorophenol	7.958	128	16064	22.290	ng	95
9) Benzaldehyde	7.517	77	13235	21.117	ng	90
10) Phenol	7.559	94	20343	19.933	ng	93
11) bis(2-Chloroethyl)ether	7.794	93	15959	22.611	ng	97
12) 1,3-Dichlorobenzene	8.287	146	17797	21.358	ng	95
13) 1,4-Dichlorobenzene	8.434	146	17815	20.755	ng	98
14) 1,2-Dichlorobenzene	8.757	146	17848	20.429	ng	94
15) Benzyl Alcohol	8.628	79	18452	20.109	ng	89
16) 2,2'-oxybis(1-Chloropr...	8.921	45	21062	19.974	ng	92
17) 2-Methylphenol	8.827	107	17488	19.527	ng	96
18) Hexachloroethane	9.497	117	6506	18.452	ng	92
19) n-Nitroso-di-n-propyla...	9.198	70	15924	16.852	ng	90
20) 3+4-Methylphenols	9.156	107	23406	18.264	ng	96
22) Acetophenone	9.227	105	28722	16.875	ng	# 97
24) Nitrobenzene	9.620	77	24075	17.219	ng	98
25) Isophorone	10.137	82	45690	17.307	ng	94
26) 2-Nitrophenol	10.337	139	9961	17.073	ng	# 87
27) 2,4-Dimethylphenol	10.372	122	17007	17.415	ng	96
28) bis(2-Chloroethoxy)met...	10.607	93	27375	20.195	ng	# 92
29) 2,4-Dichlorophenol	10.878	162	22053	21.369	ng	97
30) 1,2,4-Trichlorobenzene	11.095	180	23198	20.164	ng	91
31) Naphthalene	11.289	128	67670	20.591	ng	98
32) Benzoic acid	10.484	122	9029m	19.097	ng	
33) 4-Chloroaniline	11.389	127	30839	20.692	ng	97
34) Hexachlorobutadiene	11.559	225	16276	19.448	ng	99
35) Caprolactam	12.141	113	7535	21.342	ng	94
36) 4-Chloro-3-methylphenol	12.475	107	24079	20.263	ng	97
37) 2-Methylnaphthalene	12.863	142	51857	20.716	ng	96
38) 1-Methylnaphthalene	13.081	142	49587m	20.745	ng	
40) 1,2,4,5-Tetrachloroben...	13.222	216	30071	22.301	ng	98
41) Hexachlorocyclopentadiene	13.198	237	13019	20.940	ng	77
43) 2,4,6-Trichlorophenol	13.456	196	19189	21.603	ng	97

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44) 2,4,5-Trichlorophenol	13.533	196	22886	22.054	ng	# 92
46) 1,1'-Biphenyl	13.850	154	68283	21.793	ng	98
47) 2-Chloronaphthalene	13.897	162	50401	22.381	ng	98
48) 2-Nitroaniline	14.091	65	16826	22.120	ng	96
49) Acenaphthylene	14.737	152	81862	22.539	ng	99
50) Dimethylphthalate	14.443	163	70753	21.842	ng	99
51) 2,6-Dinitrotoluene	14.573	165	15667	22.785	ng	100
52) Acenaphthene	15.072	154	52011	22.524	ng	92
53) 3-Nitroaniline	14.902	138	16192	22.936	ng	96
54) 2,4-Dinitrophenol	15.113	184	7632	19.825	ng	98
55) Dibenzofuran	15.401	168	84310	22.702	ng	99
56) 4-Nitrophenol	15.201	139	10009	21.290	ng	90
57) 2,4-Dinitrotoluene	15.354	165	21688	22.375	ng	# 99
58) Fluorene	16.047	166	68815	21.276	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.624	232	18555	21.600	ng	# 98
60) Diethylphthalate	15.789	149	71809	21.802	ng	98
61) 4-Chlorophenyl-phenyle...	16.029	204	38900	20.807	ng	98
62) 4-Nitroaniline	16.065	138	17328	22.626	ng	95
63) Azobenzene	16.323	77	70961	21.867	ng	97
65) 4,6-Dinitro-2-methylph...	16.123	198	12094	17.676	ng	95
66) n-Nitrosodiphenylamine	16.241	169	59688	19.897	ng	98
67) 4-Bromophenyl-phenylether	16.922	248	24658	19.270	ng	96
68) Hexachlorobenzene	17.057	284	26126	19.140	ng	97
69) Atrazine	17.169	200	23826	21.135	ng	98
70) Pentachlorophenol	17.398	266	12992	17.978	ng	# 87
71) Phenanthrene	17.792	178	108809	20.771	ng	99
72) Anthracene	17.880	178	110968	20.510	ng	98
73) Carbazole	18.144	167	96221	21.248	ng	100
74) Di-n-butylphthalate	18.667	149	115037	21.678	ng	98
75) Fluoranthene	19.777	202	127347	20.705	ng	97
77) Benzidine	19.942	184	49552	23.375	ng	97
78) Pyrene	20.142	202	129256	22.358	ng	98
80) Butylbenzylphthalate	20.993	149	46793	22.025	ng	95
81) Benzo(a)anthracene	22.045	228	118947	21.552	ng	96
82) 3,3'-Dichlorobenzidine	21.939	252	42311	22.582	ng	98
83) Chrysene	22.115	228	96370	18.904	ng	98
84) Bis(2-ethylhexyl)phtha...	21.892	149	67425	23.133	ng	96
85) Di-n-octyl phthalate	23.202	149	109049	22.176	ng	# 97
87) Indeno(1,2,3-cd)pyrene	29.670	276	134194	20.170	ng	# 90
88) Benzo(b)fluoranthene	24.465	252	118471	20.739	ng	97
89) Benzo(k)fluoranthene	24.536	252	116765	20.203	ng	98
90) Benzo(a)pyrene	25.429	252	112429	20.386	ng	96
91) Dibenzo(a,h)anthracene	29.729	278	112409	20.133	ng	98
92) Benzo(g,h,i)perylene	30.950	276	108190	20.299	ng	97

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

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