Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041823\
Data File : BG057127.D
Acq On : 18 Apr 2023 16:19
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Apr 19 04:16:56 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

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.396	152	12478	20.000	ng		0.00
21) Naphthalene-d8	11.240	136	59775	20.000	ng	#	0.00
39) Acenaphthene-d10	15.011	164	32903	20.000	ng		0.00
64) Phenanthrene-d10	17.749	188	105391	20.000	ng		0.00
76) Chrysene-d12	22.066	240	86443	20.000	ng		0.00
86) Perylene-d12	25.597	264	91749	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.906	112	6692	9.134	ng		0.00
7) Phenol-d6	7.533	99	11879	10.968	ng		0.00
23) Nitrobenzene-d5	9.571	82	14316	10.547	ng		0.00
42) 2,4,6-Tribromophenol	16.491	330	6800	12.182	ng		0.00
45) 2-Fluorobiphenyl	13.636	172	26134	10.464	ng		0.00
79) Terphenyl-d14	20.316	244	59126	10.348	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.715	88	2306	5.169	ng	#	89
3) Pyridine	4.143	79	3820	4.160	ng	#	87
4) n-Nitrosodimethylamine	4.044	42	1876	4.084	ng	#	98
6) Aniline	7.709	93	6978	5.126	ng	#	95
8) 2-Chlorophenol	7.950	128	3328	4.490	ng		87
10) Phenol	7.551	94	5832	5.556	ng		94
11) bis(2-Chloroethyl)ether	7.791	93	3004	4.138	ng		95
12) 1,3-Dichlorobenzene	8.279	146	4685	5.467	ng		97
13) 1,4-Dichlorobenzene	8.432	146	5173	5.860	ng		93
14) 1,2-Dichlorobenzene	8.761	146	5262	5.856	ng		94
15) Benzyl Alcohol	8.626	79	5172	5.480	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.913	45	6381	5.884	ng		89
17) 2-Methylphenol	8.825	107	4924	5.346	ng		87
18) Hexachloroethane	9.501	117	1909	5.264	ng		94
19) n-Nitroso-di-n-propyla...	9.195	70	5043	5.189	ng	#	90
20) 3+4-Methylphenols	9.160	107	6546	4.966	ng		93
22) Acetophenone	9.225	105	9052	5.497	ng	#	93
24) Nitrobenzene	9.613	77	7253	5.362	ng		96
25) Isophorone	10.135	82	14316	5.605	ng		99
26) 2-Nitrophenol	10.335	139	2925	5.182	ng	#	94
27) 2,4-Dimethylphenol	10.376	122	5053	5.348	ng		90
28) bis(2-Chloroethoxy)met...	10.611	93	7040	5.368	ng		97
29) 2,4-Dichlorophenol	10.881	162	4764	4.771	ng		89
30) 1,2,4-Trichlorobenzene	11.093	180	5395	4.847	ng		92
31) Naphthalene	11.287	128	17016	5.351	ng	#	93
32) Benzoic acid	10.470	122	1144m	2.501	ng		
33) 4-Chloroaniline	11.387	127	7435	5.156	ng	#	93
34) Hexachlorobutadiene	11.563	225	3951	4.880	ng		93
35) Caprolactam	12.127	113	1645	4.816	ng	#	76
36) 4-Chloro-3-methylphenol	12.479	107	5804	5.048	ng		87
37) 2-Methylnaphthalene	12.861	142	8252	3.407	ng	#	95
38) 1-Methylnaphthalene	13.078	142	8823	3.815	ng	#	90
40) 1,2,4,5-Tetrachloroben...	13.225	216	5230	4.722	ng	#	96
43) 2,4,6-Trichlorophenol	13.454	196	3538m	4.850	ng		
44) 2,4,5-Trichlorophenol	13.531	196	4378	5.137	ng	#	87
46) 1,1'-Biphenyl	13.848	154	14760	5.736	ng		95

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Instrument :
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) 2-Chloronaphthalene	13.895	162	8559	4.628	ng		96
48) 2-Nitroaniline	14.089	65	2615	4.186	ng	#	88
49) Acenaphthylene	14.735	152	13673	4.584	ng		96
50) Dimethylphthalate	14.441	163	14567	5.475	ng		97
51) 2,6-Dinitrotoluene	14.565	165	2593	4.592	ng		92
52) Acenaphthene	15.076	154	9827	5.182	ng		88
53) 3-Nitroaniline	14.905	138	2552	4.401	ng	#	89
55) Dibenzofuran	15.405	168	14103	4.624	ng		99
56) 4-Nitrophenol	15.205	139	1364	3.533	ng		87
57) 2,4-Dinitrotoluene	15.352	165	3517	4.418	ng	#	91
58) Fluorene	16.045	166	16996	6.398	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.628	232	3059	4.336	ng	#	95
60) Diethylphthalate	15.787	149	14919	5.515	ng		98
61) 4-Chlorophenyl-phenyle...	16.027	204	9979	6.499	ng	#	87
62) 4-Nitroaniline	16.057	138	4139	4.778	ng		89
63) Azobenzene	16.321	77	18477	5.533	ng		95
66) n-Nitrosodiphenylamine	16.239	169	15905	5.082	ng		96
67) 4-Bromophenyl-phenylether	16.920	248	6332	4.743	ng		87
68) Hexachlorobenzene	17.049	284	7217	5.067	ng		98
69) Atrazine	17.167	200	5645	4.799	ng		97
71) Phenanthrene	17.790	178	27855	5.096	ng		98
72) Anthracene	17.878	178	29205	5.174	ng		95
73) Carbazole	18.142	167	25154	5.324	ng		94
74) Di-n-butylphthalate	18.665	149	29482	5.325	ng		99
75) Fluoranthene	19.775	202	32429	5.053	ng		96
77) Benzidine	19.946	184	15937	6.716	ng		98
78) Pyrene	20.139	202	33920	5.241	ng		98
80) Butylbenzylphthalate	20.991	149	11981	5.038	ng		93
81) Benzo(a)anthracene	22.043	228	31582	5.112	ng		97
82) 3,3'-Dichlorobenzidine	21.937	252	10791	5.145	ng	#	98
83) Chrysene	22.113	228	30285m	5.307	ng		
84) Bis(2-ethylhexyl)phtha...	21.890	149	17917	5.491	ng		100
85) Di-n-octyl phthalate	23.200	149	28620	5.199	ng	#	90
87) Indeno(1,2,3-cd)pyrene	29.656	276	35515	5.197	ng	#	67
88) Benzo(b)fluoranthene	24.457	252	30171m	5.142	ng		
89) Benzo(k)fluoranthene	24.533	252	30988	5.220	ng		96
90) Benzo(a)pyrene	25.421	252	29317	5.176	ng		98
91) Dibenzo(a,h)anthracene	29.732	278	29201	5.092	ng	#	96
92) Benzo(g,h,i)perylene	30.931	276	27742	5.068	ng	#	94

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

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