Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061323\
Data File : BG057691.D
Acq On : 13 Jun 2023 16:30
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023

Quant Time: Jun 14 03:03:11 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 14 03:03:09 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.941	152	22315	20.000	ng		0.00
21) Naphthalene-d8	10.743	136	93572	20.000	ng		0.00
39) Acenaphthene-d10	14.574	164	69337	20.000	ng		0.00
64) Phenanthrene-d10	17.318	188	177529	20.000	ng		0.00
76) Chrysene-d12	21.572	240	169500	20.000	ng		0.00
86) Perylene-d12	24.733	264	196324	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.508	112	12863	9.386	ng		0.00
7) Phenol-d6	7.089	99	19226	9.132	ng		0.00
23) Nitrobenzene-d5	0.000	82	0d	0.000	ng		
42) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng		
45) 2-Fluorobiphenyl	13.199	172	50098	10.770	ng		0.00
79) Terphenyl-d14	19.933	244	98382	10.731	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.422	88	3936	5.641	ng		86
3) Pyridine	3.816	79	8822	4.465	ng	#	89
4) n-Nitrosodimethylamine	3.734	42	4642	4.819	ng	#	79
6) Aniline	7.259	93	13197	4.778	ng		95
8) 2-Chlorophenol	7.506	128	5443	4.142	ng		88
9) Benzaldehyde	7.077	77	7518	5.793	ng		91
10) Phenol	7.118	94	9295	4.518	ng		97
11) bis(2-Chloroethyl)ether	7.359	93	7745	4.803	ng		98
12) 1,3-Dichlorobenzene	7.829	146	8381	5.514	ng		94
13) 1,4-Dichlorobenzene	7.976	146	7834	5.198	ng		99
14) 1,2-Dichlorobenzene	8.293	146	7133m	4.872	ng		
15) Benzyl Alcohol	8.176	79	6814	4.226	ng		90
16) 2,2'-oxybis(1-Chloropr...	8.475	45	18135	5.165	ng		99
17) 2-Methylphenol	8.370	107	6602	4.361	ng		94
18) Hexachloroethane	9.028	117	2041	4.383	ng	#	87
19) n-Nitroso-di-n-propyla...	8.746	70	7284	4.785	ng		93
20) 3+4-Methylphenols	8.699	107	8600	4.155	ng		91
22) Acetophenone	8.757	105	13986	5.145	ng	#	95
24) Nitrobenzene	9.139	77	3975	7.184	ng	#	96
25) Isophorone	9.662	82	22081	5.091	ng	#	97
26) 2-Nitrophenol	9.850	139	956	3.078	ng	#	88
27) 2,4-Dimethylphenol	9.909	122	6840	4.723	ng		88
28) bis(2-Chloroethoxy)met...	10.156	93	11286	5.006	ng		97
29) 2,4-Dichlorophenol	10.379	162	4275	3.480	ng		97
30) 1,2,4-Trichlorobenzene	10.602	180	8174	5.119	ng		98
31) Naphthalene	10.796	128	26430	5.256	ng		99
33) 4-Chloroaniline	10.902	127	11433	4.883	ng		94
34) Hexachlorobutadiene	11.078	225	5228	5.207	ng		96
35) Caprolactam	11.631	113	1834m	3.619	ng		
36) 4-Chloro-3-methylphenol	12.012	107	6822	3.920	ng		97
37) 2-Methylnaphthalene	12.400	142	19274	5.180	ng		90
38) 1-Methylnaphthalene	12.623	142	17797m	5.099	ng		
40) 1,2,4,5-Tetrachloroben...	12.764	216	9991	5.090	ng		97
41) Hexachlorocyclopentadiene	12.753	237	2701	3.608	ng		98
43) 2,4,6-Trichlorophenol	13.005	196	3659	6.014	ng		90
44) 2,4,5-Trichlorophenol	13.070	196	4022	5.812	ng		90

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.411	154	24770	5.170	ng		97
47) 2-Chloronaphthalene	13.452	162	18595	5.136	ng		99
48) 2-Nitroaniline	13.646	65	1871	6.552	ng		90
49) Acenaphthylene	14.292	152	31654	5.041	ng		96
50) Dimethylphthalate	14.028	163	23184	4.560	ng	#	99
51) 2,6-Dinitrotoluene	14.139	165	1310	6.277	ng		92
52) Acenaphthene	14.639	154	19165	5.092	ng		96
53) 3-Nitroaniline	14.468	138	1848	6.104	ng	#	73
55) Dibenzofuran	14.968	168	33409	5.288	ng		97
57) 2,4-Dinitrotoluene	14.921	165	1591	6.102	ng	#	82
58) Fluorene	15.620	166	26735	5.312	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.191	232	3378	5.784	ng	#	93
60) Diethylphthalate	15.391	149	23492	4.476	ng		99
61) 4-Chlorophenyl-phenyle...	15.614	204	14476	5.369	ng		91
62) 4-Nitroaniline	15.626	138	2195	6.598	ng		94
63) Azobenzene	15.902	77	29261	5.186	ng		95
66) n-Nitrosodiphenylamine	15.826	169	23438	5.050	ng		99
67) 4-Bromophenyl-phenylether	16.507	248	8906	4.927	ng	#	88
68) Hexachlorobenzene	16.619	284	9299	4.922	ng		98
69) Atrazine	16.766	200	6829	4.423	ng		98
71) Phenanthrene	17.359	178	45798	5.287	ng		97
72) Anthracene	17.447	178	45303	5.162	ng		99
73) Carbazole	17.712	167	42765	5.262	ng		99
74) Di-n-butylphthalate	18.287	149	35515	3.942	ng	#	96
75) Fluoranthene	19.369	202	55904	5.357	ng		99
77) Benzidine	19.551	184	20141	4.985	ng		99
78) Pyrene	19.727	202	59972	4.973	ng		98
80) Butylbenzylphthalate	20.626	149	10622	6.319	ng		97
81) Benzo(a)anthracene	21.548	228	59506	5.084	ng		98
82) 3,3'-Dichlorobenzidine	21.472	252	16654	4.368	ng		99
83) Chrysene	21.613	228	58089	5.214	ng		97
84) Bis(2-ethylhexyl)phtha...	21.478	149	21545	3.626	ng		95
87) Indeno(1,2,3-cd)pyrene	28.323	276	60920	4.796	ng		93
88) Benzo(b)fluoranthene	23.728	252	51369	4.823	ng		98
89) Benzo(k)fluoranthene	23.793	252	56586	5.123	ng		96
90) Benzo(a)pyrene	24.580	252	49732	4.749	ng	#	98
91) Dibenzo(a,h)anthracene	28.393	278	50541	4.815	ng		97
92) Benzo(g,h,i)perylene	29.439	276	50631	4.832	ng		98

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

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