Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061121\
Data File : BG048904.D
Acq On : 11 Jun 2021 10:30
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED
mohammad
6/14/2021 5:47:52 PM

Quant Time: Jun 11 13:29:56 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 11 13:29:08 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.129	152	36504	20.000	ng	# 0.00
21) Naphthalene-d8	10.949	136	147321	20.000	ng	# 0.00
39) Acenaphthene-d10	14.768	164	111385	20.000	ng	0.00
64) Phenanthrene-d10	17.517	188	258760	20.000	ng	# 0.00
76) Chrysene-d12	21.812	240	253884	20.000	ng	# 0.00
86) Perylene-d12	25.156	264	255073	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.661	112	25110	11.505	ng	0.00
7) Phenol-d6	7.265	99	36754	11.905	ng	0.00
23) Nitrobenzene-d5	9.292	82	33323	10.127	ng	0.00
42) 2,4,6-Tribromophenol	16.254	330	15690	10.506	ng	0.00
45) 2-Fluorobiphenyl	13.393	172	83092	10.773	ng	0.00
79) Terphenyl-d14	20.126	244	151456	10.267	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.552	88	6485	7.583	ng	# 63
3) Pyridine	3.969	79	15287m	6.858	ng	
4) n-Nitrosodimethylamine	3.875	42	6016	3.535	ng	# 79
6) Aniline	7.441	93	23113	6.670	ng	# 81
8) 2-Chlorophenol	7.682	128	14051	6.068	ng	90
9) Benzaldehyde	7.253	77	10244	5.008	ng	87
10) Phenol	7.282	94	19276	6.350	ng	85
11) bis(2-Chloroethyl)ether	7.541	93	14450	7.063	ng	# 77
12) 1,3-Dichlorobenzene	8.017	146	15681	5.890	ng	93
13) 1,4-Dichlorobenzene	8.164	146	15289m	5.636	ng	
14) 1,2-Dichlorobenzene	8.481	146	15591m	6.228	ng	
15) Benzyl Alcohol	8.358	79	16632	6.114	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.651	45	26993	12.171	ng	79
17) 2-Methylphenol	8.557	107	12185	6.287	ng	89
18) Hexachloroethane	9.227	117	6096	5.721	ng	# 86
19) n-Nitroso-di-n-propyla...	8.928	70	15203	7.299	ng	# 94
20) 3+4-Methylphenols	8.881	107	16443	6.149	ng	93
22) Acetophenone	8.951	105	23448	6.115	ng	# 89
24) Nitrobenzene	9.333	77	19606	5.973	ng	96
25) Isophorone	9.868	82	39469	6.783	ng	# 96
26) 2-Nitrophenol	10.056	139	5554	3.910	ng	# 92
27) 2,4-Dimethylphenol	10.103	122	11559	5.293	ng	97
28) bis(2-Chloroethoxy)met...	10.349	93	17897	7.059	ng	# 96
29) 2,4-Dichlorophenol	10.579	162	13040	5.294	ng	94
30) 1,2,4-Trichlorobenzene	10.808	180	15978	5.594	ng	98
31) Naphthalene	11.002	128	44882	5.937	ng	# 93
33) 4-Chloroaniline	11.107	127	18696	5.944	ng	97
34) Hexachlorobutadiene	11.290	225	11011	5.193	ng	# 86
35) Caprolactam	11.865	113	3912	4.674	ng	# 26
36) 4-Chloro-3-methylphenol	12.206	107	15955	5.720	ng	93
37) 2-Methylnaphthalene	12.600	142	34740	5.751	ng	97
38) 1-Methylnaphthalene	12.823	142	32565	5.794	ng	# 96
40) 1,2,4,5-Tetrachloroben...	12.964	216	18137	5.003	ng	99
41) Hexachlorocyclopentadiene	12.952	237	11260	6.643	ng	91
43) 2,4,6-Trichlorophenol	13.199	196	11348	4.690	ng	92
44) 2,4,5-Trichlorophenol	13.264	196	12235	4.762	ng	86

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.604	154	42798	5.202	ng		95
47) 2-Chloronaphthalene	13.646	162	35193	5.600	ng		97
48) 2-Nitroaniline	13.839	65	9207	4.077	ng		97
49) Acenaphthylene	14.492	152	57934	5.909	ng	#	91
50) Dimethylphthalate	14.215	163	44891	5.373	ng		99
51) 2,6-Dinitrotoluene	14.327	165	7712	4.001	ng		93
52) Acenaphthene	14.832	154	34964	5.615	ng		97
53) 3-Nitroaniline	14.662	138	7994	4.320	ng		91
55) Dibenzofuran	15.167	168	56699	5.501	ng	#	96
56) 4-Nitrophenol	14.950	139	5969	4.354	ng	#	71
57) 2,4-Dinitrotoluene	15.114	165	9288	3.318	ng	#	92
58) Fluorene	15.819	166	47994	5.670	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.385	232	11869	4.992	ng	#	96
60) Diethylphthalate	15.579	149	50405	5.831	ng		95
61) 4-Chlorophenyl-phenyle...	15.808	204	24352	5.231	ng		99
62) 4-Nitroaniline	15.814	138	7608	3.845	ng	#	65
63) Azobenzene	16.102	77	59456	6.830	ng		83
65) 4,6-Dinitro-2-methylph...	15.878	198	5454	3.148	ng		94
66) n-Nitrosodiphenylamine	16.019	169	41857	5.723	ng		99
67) 4-Bromophenyl-phenylether	16.707	248	16433	5.518	ng	#	89
68) Hexachlorobenzene	16.818	284	17946	5.949	ng		96
69) Atrazine	16.965	200	12937	4.254	ng		94
70) Pentachlorophenol	17.165	266	9175	5.708	ng		94
71) Phenanthrene	17.564	178	78474	5.843	ng		94
72) Anthracene	17.653	178	80602	6.065	ng		97
73) Carbazole	17.917	167	75101	5.900	ng		96
74) Di-n-butylphthalate	18.481	149	85322	5.979	ng		97
75) Fluoranthene	19.568	202	97031	5.713	ng		96
78) Pyrene	19.926	202	97983	5.578	ng		97
80) Butylbenzylphthalate	20.820	149	34440	5.014	ng		97
81) Benzo(a)anthracene	21.795	228	95629	5.512	ng		95
82) 3,3'-Dichlorobenzidine	21.701	252	27314	4.591	ng	#	98
83) Chrysene	21.859	228	91402m	5.531	ng		
84) Bis(2-ethylhexyl)phtha...	21.713	149	50595	5.262	ng		93
85) Di-n-octyl phthalate	22.976	149	82531	5.042	ng	#	93
87) Indeno(1,2,3-cd)pyrene	28.992	276	92551	4.940	ng	#	89
88) Benzo(b)fluoranthene	24.092	252	91835	5.307	ng	#	94
89) Benzo(k)fluoranthene	24.169	252	89441	5.496	ng	#	95
90) Benzo(a)pyrene	24.997	252	85717	5.377	ng	#	95
91) Dibenzo(a,h)anthracene	29.057	278	74541	4.639	ng	#	94
92) Benzo(g,h,i)perylene	30.167	276	78784	4.967	ng	#	89

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

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